ANNUAL PLANNING INFORMATION

FOR

STATE OF RHODE ISLAND

MAY 1985

EDWARD D. DI PRETE, GOVERNOR

RHODE ISLAND DEPARTMENT OF EMPLOYMENT SECURITY

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UNITED STATES DEPARTMENT OF LABOR

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for

State of Rhode Island

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PREFACE

This Annual Planning Information (API) Report is designed to provide historical, current, and outlook information for use by employment and training program planners in developing programs and job training plans for the coming program year. The API includes information on and analysis of employment, unemployment, the insured unemployed, and occupational trends and outlook.

Section 1: Description of State

A. General Information

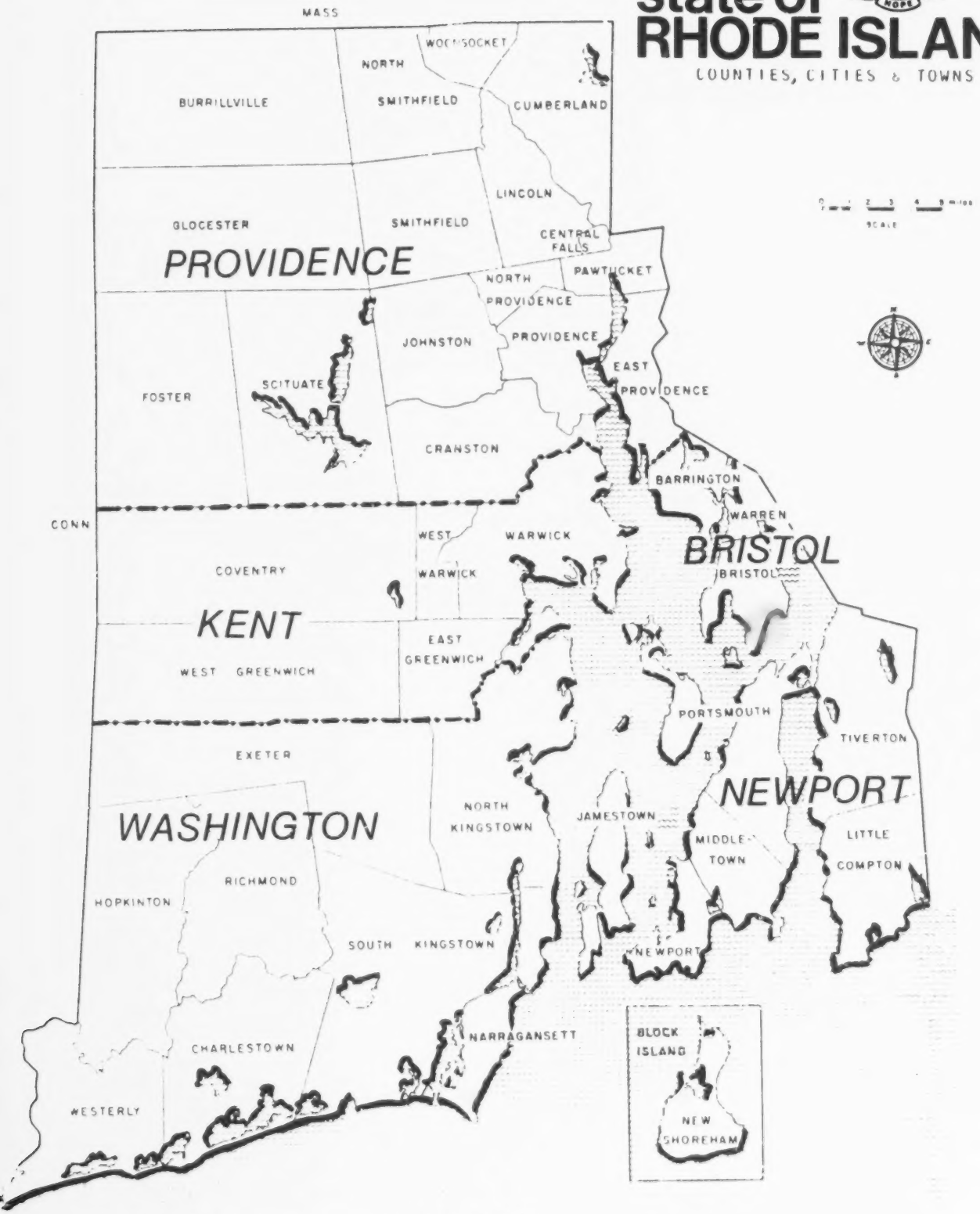
Rhode Island, with a total land area of 1,058 square miles, the smallest for any state, had a population of 947,154 as of April 1, 1980. which made it one of the highest in population density with 895 persons per square mile. Rhode Island, whose physical size is comparable to that of the average U.S. County, has often been called a "City-State".

The State consists of five counties: Bristol, Kent, Newport, Providence and Washington, the largest of these being Providence County, with a 1980 population of 571,349. The State capital is the City of Providence, which had a 1980 population of 156,804. Four other cities in the State had a 1980 population greater than 50,000: Warwick, the State's second largest city, with 87,123; Cranston, with 71,992; Pawtucket, with 71,204 and East Providence, 50,980.

Rhode Island enjoys several distinctions; it is the birthplace of textile manufacturing in the United States, as well as the location of the Newport to Bermuda Yacht Races, and the Tennis Hall of Fame. The port of Providence is an excellent deep water port, with immediate access to air and rail facilities. Vastly improved highways make the State pivotal to the Northeast and to the Mid-Atlantic States.

state of RHODE ISLAND

COUNTIES, CITIES & TOWNS



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B. Recent Economic Developments

In 1984 the economy of Rhode Island continued to experience a recovery from the recent recession. Establishment employment increased, while unemployment and the rate of unemployment decreased from the previous year. Nonagricultural wage and salary establishment employment added 15,900 and the rate of unemployment declined from 8.2 percent in 1983 to 5.3 percent in 1984.

Recent economic trends and the outlook are examined in greater detail in Sections 2, 3 and 4 of this report. Tables illustrating trends in nonagricultural wage and salary establishment employment, by industry, are presented in Section 2. Tables illustrating historical labor force and unemployment trends are presented in Section 4.

C. Population Trends

Population Change 1970-1980 in the United States and Rhode Island

Area	1970 Population	1980 Population	Numerical Change	Percent Change
United States	203,302,031	226,545,805	+23,243,774	+11.4
Rhode Island	949,723	947,154	- 2,569	- 0.3

Population growth rates obtained from the 1980 Census show the state had a population loss, while the nation experienced a significant population gain. The United States had a pop-

ulation expansion of over 23 million or 11.4 percent, while Rhode Island declined by 2,569 or 0.3 percent. The drop in the State's population from 1970 to 1980 reflects the effects of Navy Base closings which began in 1973, specifically, the outmigration of transferred military personnel and their families.

Section 2. Economic Developments and Outlook by Industry

A. Recent Developments

Total nonagricultural wage and salary establishment employment in Rhode Island increased substantially in 1984, reflecting an overall strengthening of the State's economy. Establishment employment averaged 412,200 in 1984, which was 15,900 or 4.0 percent higher than in 1983.

The gain in the State's 1984 wage and salary employment was the result of an increase of 4,400 in the manufacturing sector and 11,500 in the nonmanufacturing sector. Electrical machinery led the increase in factory employment with a gain of 1,200 jobs. Transportation equipment followed, adding 900, and jewelry was up by 500. Instruments and "All other manufacturing" rose by 400 while food and kindred products added 300. Textiles, apparel and fabricated metal products increased by 200. The rubber and miscellaneous plastics industry and the primary metal industry were up by 100.

The only nonmanufacturing industry experiencing an employment decline was nonelectrical machinery, down by 100 jobs, while miscellaneous manufacturing showed no change.

The addition of 11,500 jobs in the nonmanufacturing industry was primarily due to the increase of 4,500 in wholesale and retail trade and the gain of 4,000 in the service industry. Finance, Insurance and Real Estate followed, growing by 1,100 and contract construction was up by 1,000. Government and transportation, communication, and public utilities added 500 and 400, respectively.

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ESTABLISHMENT EMPLOYMENT**

Calendar Year 1984

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	400.9	401.2	403.4	407.5	413.9	418.5	409.9	416.2	418.2	419.3	418.9	418.4	412.2
MANUFACTURING EMPLOYMENT	118.2	118.8	119.1	120.0	120.6	122.2	116.4	123.0	122.4	122.5	123.0	120.7	120.6
Food and Kindred Products	3.3	3.3	3.1	3.0	3.0	3.1	3.2	3.4	3.5	3.7	3.9	3.7	3.4
Textiles	11.1	11.2	11.3	11.3	11.3	11.3	10.4	11.3	11.1	11.2	10.9	10.9	11.1
Apparel	3.5	3.6	3.5	3.6	3.7	3.7	3.7	3.6	3.6	3.5	3.3	3.5	3.6
Rubber & Misc. Plastics Products	6.2	6.3	6.2	6.2	6.3	6.5	6.0	6.5	6.6	6.5	6.4	6.3	6.3
Primary Metal Industry	6.1	6.1	6.1	6.2	6.1	6.2	5.4	6.1	6.1	6.1*	6.0*	6.1*	6.1
Fabricated Metal Products	9.6	9.4	9.4	9.3	9.3*	9.4	9.1	9.5	9.3	9.3	9.4	9.5	9.4
Machinery (exc. electrical)	6.2*	6.2*	6.2*	6.3*	6.3*	6.3*	6.3*	6.3*	6.3*	6.1*	6.2*	6.1*	6.2
Electrical Machinery	12.0	12.1	12.3	12.2	12.4	12.7	12.5	12.8	12.7	11.7	12.7	12.4	12.4
Transportation Equipment***	9.3	9.4	9.5	9.7	9.9	9.9	9.9	9.9	10.1	10.2	10.2	10.1	9.8
Instruments	4.9	4.9	4.9	5.0	5.0	5.1	5.1	5.4	5.0	5.0	5.0	4.9	5.0
Jewelry	22.8	23.1	23.3	23.5	23.3	23.6	21.5	23.5	23.7	24.7	24.7	23.1	23.4
Miscellaneous Manufacturing	5.0	5.0	5.1	5.2	5.2	5.2	4.7	5.2	5.2	5.1	5.2	5.0	5.1
All Other Manufacturing	18.2	18.2	18.2	18.5	18.8*	19.1	18.6	19.5	19.2	19.4	19.1	19.1	18.8
NON-MANUFACTURING EMPLOYMENT	282.7	282.4	284.3	287.5	293.3	296.3	293.5	293.2	295.8	296.8	295.9	297.7	291.6
Contract Construction	10.8	10.4	10.8	12.2	13.3	13.9	14.2	14.0	13.4	12.9	12.5	12.6	12.6
Trans., Comm. & Public Utilities	13.2	13.3	13.2	13.3	13.4	13.9	14.1	14.0	14.1	14.2	14.0	13.8	13.7
Wholesale & Retail Trade	84.4	83.8	84.5	85.3	87.2	89.7	89.6	89.7	89.8	90.0	90.6	91.3	88.0
Finance, Insurance & Real Estate	22.2	22.1	22.3	22.3	22.4	22.8	22.8	22.9	22.9	23.1	21.9	23.7	22.6
Service, except domestic	94.6	95.0	95.5	96.5	99.2	98.6	97.1	97.5	98.5	98.5	98.3	97.9*	97.3
Government	57.5	57.8	58.0	57.9	57.8	57.4	55.7	55.1	57.1*	58.1	58.6	58.4	57.4
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	29.5	29.4	29.3	29.4	29.6	30.8	31.1	31.3	30.1	30.2	29.6	29.6	30.0
Labor Disputes	1.2	1.2	1.2	1.2	1.4	1.2	1.2	1.2	1.3	1.3	1.3	1.5	1.3

* Labor Dispute.
** A count of jobs by place of work.
*** Prior to 1972, Transportation Equipment included in All Other Manufacturing.

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ESTABLISHMENT EMPLOYMENT**

Calendar Year 1983

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	379.7	379.9	384.1	390.5	395.7	399.8	395.4	399.0	406.1	407.7	409.5	409.0	396.3
MANUFACTURING EMPLOYMENT	110.8	110.8	112.3	113.5	115.4	117.2	113.0	117.9	120.0	121.1	122.0	120.4	116.2
Food and Kindred Products	3.1	3.0	2.9	2.9	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.4	3.1
Textiles	10.5	10.4	10.6	10.8	11.0	11.1	10.5	11.2	11.2	11.2	11.1	11.1	10.9
Apparel	3.0	3.0	3.0	3.2	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.4
Rubber & Misc. Plastics Products	6.0	6.0	6.0	6.1	6.2	6.4	6.0	6.2	6.3	6.2	6.2	6.2	6.2
Primary Metal Industry	6.1	6.2	6.2	6.2	6.1	6.1	5.7	5.8	6.0	6.0	6.0	6.0	6.0
Fabricated Metal Products	8.8	8.7	8.7	8.8	8.9	9.1	9.2	9.5	9.7	9.7	9.8	9.8	9.2
Machinery (exc. electrical)	6.4*	6.4*	6.4*	6.4*	6.4*	6.4*	6.1*	6.3*	6.3*	6.0*	6.1*	6.2*	6.3
Electrical Machinery	10.6	10.9	11.0	11.1	11.0	10.9	10.8	11.1	11.4	11.6	11.6	11.9	11.2
Transportation Equipment***	8.4	8.4	8.7	8.7	9.0	9.0	8.8	9.1	9.1	9.1	9.1	9.2	8.9
Instruments	4.6	4.5	4.5	4.6	4.6	4.6	4.4	4.7	4.7	4.8	4.9	4.8	4.6
Jewelry	21.1	21.1	21.5	21.6	22.5	23.2	21.8	23.4	24.2	24.9	25.5	24.4	22.9
Miscellaneous Manufacturing	4.7	4.7	4.9	5.0	5.0	5.1	5.0	5.3	5.5	5.7	5.6	5.6	5.1
All Other Manufacturing	17.5	17.5	17.9	18.1	18.4	18.6	18.0	18.5	18.8	19.1	19.2	18.9	18.4
NON-MANUFACTURING EMPLOYMENT	268.9	269.1	271.8	277.0	280.3	282.6	282.4	281.1	286.1	286.6	287.5	288.6	280.1
Contract Construction	9.6	9.2	9.2	10.7	11.5	12.1	12.7	12.9	12.9	13.0	13.0	12.6	11.6
Trans., Comm. & Public Utilities	13.1	13.1	13.1	13.3	13.4	13.8	13.3	11.2*	14.0	13.6	13.6	13.6	13.3
Wholesale & Retail Trade	78.6	78.1	79.6	81.2	82.6	84.6	85.3	86.0	86.0	85.7	86.4	88.2	83.5
Finance, Insurance & Real Estate	21.3	21.2	21.2	21.3	21.4	21.6	21.8	21.8	21.7	21.5	21.7	21.8	21.5
Service, except domestic	89.1	90.2	91.1	92.7	93.7	93.5	94.2	94.6	95.5	95.4	95.2	94.8	93.3
Government	57.2	57.3	57.6	57.8	57.7	57.0	55.1	54.6	56.0*	57.4	57.6	57.6	56.9
NOT INCLUDED IN ABOVE:													
Self-Employed, Farm & Other	27.7	28.2	28.8	28.6	29.1	30.1	30.5	31.0	30.2	30.5	30.4	30.1	29.6
Labor Disputes	1.2	1.2	1.2	1.2	1.2	1.2	1.2	3.4	2.8	1.2	1.2	1.2	1.5

* Labor Dispute.
** A count of jobs by place of work.
***Prior to 1972, Transportation Equipment included in All Other Manufacturing.

B. Industry Outlook

During 1984, overall employment in Rhode Island posted a gain of 15,900, which raised the total number of jobs above the prerecession level. The upward trend in employment is expected to continue into Fiscal Year 1986 (October 1985 to September 1986).

Total establishment employment in Rhode Island is expected to average 425,000 in Fiscal 1986, which will be 12,800 or 3.1 percent higher than the calendar year 1984 level of 412,200. Factory employment should reach a level around 125,000. Many of the industries in this sector are expected to show increased employment in FY 1986. Defense spending should continue to benefit transportation equipment manufacturing, which will probably be the leading factory industry.

Total nonmanufacturing employment is anticipated to attain a new record high level of 300,000. An improving economy will result in trade, services, and construction continuing their upward momentum. Remaining non-factory industries are expected to show moderate gains.

Section 3: Employment Developments and Outlook by Occupation

A. Recent Developments

The best available indicator of recent occupational demand in the State is Job Service job openings. These openings represent unfilled employer job orders. Openings which have remained unfilled for 30 days or more are considered hard-to-fill.

The professional, technical and managerial occupations did not have a large number of hard-to-fill openings throughout 1984. The occupations with the most long-term openings were licensed practical nurse and general duty nurse.

The clerical and sales occupations usually show a large number of openings, particularly in the clerical field. These openings are often entry level positions and are generally low paying. The greatest demand was for general clerk. Other openings in this category included cashier-checker and insurance sales agent.

The greatest demand in the service occupations was for waiter/waitress. There was also a large demand for nurse aide, fast food worker, home health aide and security guard.

The agricultural, fishing and forestry category had only two occupations which had a large number of hard-to-fill openings during the year - fishing vessel deckhand and landscape laborer; both are seasonal jobs.

The only processing occupations with hard-to-fill openings were donut-maker helper, racker and shellfish laborer.

The three occupations in the machine trades category which had the largest number of hard-to-fill openings were machinist, automobile mechanic and braider/tender.

Benchworking occupations often have a large number of openings unfilled for thirty consecutive days or more due to low pay and limited advancement potential. There are usually more applicants than openings for these jobs, but due to the high turnover in this group, openings are almost always available. Hard-to-fill openings in benchworking included epoxy painter and polisher.

Many of the structural occupations are of a seasonal nature and have the greatest number of openings in warm weather. Other structural jobs, such as those in the shipbuilding industry, have year-round demand. The most common openings were for carpenter, welder and plumber's helper. It should be noted that most construction workers are hired through labor unions, so the Job Service does not have a complete list of employment opportunities in this field.

The three occupations in the miscellaneous category which had the largest number of hard-to-fill openings were fish packer, material handler and fish processor.

The following table lists the occupations which had job openings unfilled for more than thirty days in 1984. Also shown is the monthly average of hard-to-fill openings throughout the year.

Occupations With Job Openings Unfilled for 30 Days or More During 1984 - Range of Openings Unfilled and Monthly Average Number of Openings Unfilled

D.O.T. Code	Occupational Title	Range of Openings Unfilled for 30 Days or More	Monthly Average Number of Openings Unfilled for 30 Days or More
017.261-018	Drafter	1-20	15
020.187-010	Programmer	1-24	18
075.374-010	Registered Nurse	42-58	49
078.361-010	Dental Hygienist	0-21	10
079.367-010	Medical Assistant	0-20	5
079.374-014	Licensed Practical Nurse	19-38	30
169.167-042	Park Ranger	0-20	5
185.167-046	Assistant Manager	1-45	15
201.362-030	Secretary	7-37	24
203.362-022	Word Processing Machine Operator	0-36	10
205.367-054	Survey Worker	0-39	10
209.562-010	General Clerk	10-93	36
211.462-010	Sales Clerk	0-22	13
211.462-014	Cashier-Checker	7-67	32
219.362-010	General Office Clerk	1-20	7
222.367-026	Inventory Clerk	1-26	7
230.667-014	Telephone Directory Deliverer	0-23	11
250.257-010	Sales Agent, Insurance	19-34	27
260.357-014	Sales Representative, Food	0-42	22
290.477-018	Service Clerk	6-24	12
292.353-010	Driver, Milk Route	0-42	17
299.357-014	Telephone Solicitor	6-26	14
299.477-010	Food Delivery Driver	11-38	19
309.354-010	Homemaker	0-24	10
310.137-010	Restaurant Hostess	1-21	6
311.472-010	Fast Food Worker	0-64	41
311.477-014	Waiter/Waitress	39-108	68
311.477-026	Waiter/Waitress	16-52	26
311.477-030	Waiter/Waitress	15-36	25
311.677-018	Bus Person	5-26	21
313.361-014	Cook	12-28	18
313.361-022	Cook, Short Order	9-31	19
318.687-010	Bus Person	12-33	22
319.467-010	Counter Attendant	21-32	25
342.457-010	Game Attendant	0-26	7
354.377-014	Home Health Aide	18-61	36
355.674-014	Nurse Aide	13-103	64
372.667-034	Security Guard	7-64	35
372.667-038	Security Guard	3-28	15
381.687-014	Cleaner	7-32	22
408.687-014	Landscape Laborer	0-47	16
449.667-010	Deckhand, Fishing Vessel	0-30	18
500.686-010	Racker	1-20	9

D.O.T. Code	Occupational Title	Range of Openings Unfilled for 30 Days or More	Monthly Average Number of Openings Unfilled for 30 Days or More
520.685-010	Donut-Maker Helper	0-20	10
529.686-058	Laborer, Shellfish	0-22	7
600.280-022	Machinist	29-51	34
620.261-010	Automobile Mechanic	18-40	33
683.685-010	Braider/Tender	0-29	8
700.381-050	Solderer	30-44	36
700.684-014	Assembler, Jewelry	7-29	18
700.687-026	Charger	2-34	18
700.687-058	Polisher	0-60	25
735.687-014	Jewelry Linker	3-24	13
735.687-034	Stone Setter	8-24	16
739.687-026	Assembler, Oil Filters	0-24	6
740.684-018	Epoxy Painter	8-53	25
801.261-014	Fitter-Tacker	2-23	17
810.384-014	Welder	5-79	40
819.384-010	Welder, Combination	6-23	17
819.685-010	Fusion Machine Operator	5-20	13
821.361-018	Cable Television Installer	3-20	16
822.261-022	Installer, Telephone Equipment	0-20	15
824.261-010	Electrician	8-25	18
840.381-010	Painter	1-34	18
860.381-022	Carpenter	42-62	49
860.381-050	Joiner	0-20	10
862.261-010	Pipefitter	0-20	8
862.381-018	Apprentice, Steamfitter	3-28	17
869.664-014	Plumber Helper	14-41	23
869.687-026	Bricklayer Helper	6-20	9
913.463-010	Bus Driver	11-26	16
920.587-018	Fish Packer	52-151	102
920.687-058	Fish House Worker	0-20	5
920.687-086	Fish Processor	11-35	27
922.687-058	Laborer, Stores	5-22	12
929.687-030	Material Handler	5-149	66

B. Occupational Outlook for Fiscal Year 1986

In Fiscal Year 1986 the State's economy is expected to show continued expansion. Based on the types of occupations which had the greatest numbers of hard-to-fill openings during 1984, many of the jobs which will be available in Fiscal Year 1986 are anticipated to be in relatively low paying, unskilled and generally unattractive occupations. The demand for highly trained persons and college graduates will be rather limited, but there will be demand for some professional and skilled occupations such as licensed practical nurse and welder.

It should be noted that the demand list shown here represents only job openings listed with the Rhode Island Job Service, and the extent to which the Job Service constitutes a primary hiring channel for a given occupation is not known. Demand, therefore, is more likely to be understated than overstated, and also some occupations for which a significant demand exists may not be apparent from the data available.

Based on last year's list of unfilled openings, and job openings which have recently been received by the State Job Service, the following is a list of occupations for which there will most likely be a demand in Fiscal Year 1986.

Professional and Technical: Registered nurse, licensed practical nurse.

Clerical and Sales: Cashier-checker, general clerk.

Service: Waiter/Waitress, nurse aide.

Benchwork: Solderer, polisher, epoxy painter.

Structural: Carpenter, welder.

Miscellaneous: Fish packer, material handler.

The following table lists occupations with 10 or more hard-to-fill openings at the end of March 1985. This table represents the latest available data on demand for workers.

Occupations With Ten or More Job Openings Unfilled for 30 Days or More at the End of March 1985

D.O.T. Code	Occupational Title	Number of Openings Unfilled for 30 Days or More
075.374-010	Registered Nurse	37
079.374-014	Licensed Practical Nurse	35
201.362-030	Secretary	19
203.362-010	Clerk-Typist	28
209.562-010	General Clerk	32
210.382-014	Bookkeeper	10
211.362-018	Teller	12
211.462-010	Cashier	20
222.387-058	Stock Clerk	13
237.367-038	Receptionist	10
250.257-010	Sales Agent, Insurance	30
261.357-066	Salesperson, Women's Apparel	11
299.357-014	Telephone Solicitor	12
301.474-010	General House Worker	19
311.477-014	Counter Attendant	83
311.477-030	Waiter/Waitress	33
312.474-010	Bartender	13
313.361-014	Cook	23
313.361-022	Short Order Cook	16
318.687-010	Kitchen Helper	51
319.474-010	Fountain Server	13
355.674-014	Nurse Aide	79
372.667-034	Security Guard	38
372.667-038	Security Guard	31
381.687-014	Commercial Cleaner	22
620.261-010	Automobile Mechanic	23
700.687-058	Jewelry Polisher	23
726.684-018	Electronics Assembler	23
806.381-046	Shipfitter	13
824.261-010	Electrician	26
860.381-022	Carpenter	26
862.261-010	Pipefitter	10
862.381-018	Pipefitter	13
862.381-030	Plumber	10
869.664-014	Construction Worker	18
913.463-010	School Bus Driver	17
920.587-018	Wrapper	56

C. Long-Term Occupational Outlook

Data from the publication Rhode Island Occupational Outlook to 1990 indicates the largest number of annual job openings will be found in service occupations and clerical occupations. Significant numbers of openings will also occur in the professional, technical and kindred occupations and in the managers and officials category. Very few jobs will be available in the transportation equipment operatives and farm workers categories.

In all occupational groups, the majority of job opportunities will be the result of separations from the labor force, rather than economic expansion. Separations from the labor force include worker retirements, deaths, and persons leaving jobs to raise families.

Only one occupation - secretary - is expected to have more than 700 annual job openings. Over two-thirds of these openings will be the result of worker replacement. There are anticipated to be more than 600 openings annually for nurse aides/orderlies.

Openings for general office clerks, professional nurses, sales clerks, and guards and doorkeepers are expected to range between 400 and 500 positions annually. Kitchen helpers, cashiers and waiter/waitresses are anticipated to

have from 300 to 400 jobs available each year. Between 200 and 300 openings annually are forecast for elementary school teachers and bookkeepers.

Between 100 and 200 annual openings are projected for: store managers; carpenters; licensed practical nurses; accountants and auditors; typists; production packagers; accounting clerks; child care workers; inspectors; truck driving occupations; sales representatives; stock clerks; bench-workers; bartenders; lawyers; assemblers; restaurant managers; receptionists; welders; gardeners and groundskeepers; maintenance repairers; and food preparation workers (fast food).

The following table lists by occupation the average annual number of job openings expected to occur due to growth and separation between 1980 and 1990.

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
00000000	TOTAL ALL OCCUPATIONS	20,220	3,350	16,870
10000000	Professional, Technical & Kindred Occ.	3,240	840	2,400
10020000	Engineers	195	65	130
10020400	Chemical Engineers	5	0	5
10020600	Civil Engineers	35	5	30
10020800	Electrical Engineers	40	20	20
10021000	Industrial Engineers	30	15	15
10021200	Mechanical Engineers	50	15	35
10021400	Metallurgists & Met. Engineers	0	0	0
10022000	Other Engineers	35	10	25
10040000	Life and Physical Scientists	30	5	25
10040200	Agricultural Scientists	5	0	5
10040600	Life Scientists	10	0	10
10040601	Biological Scientists	5	0	5
10040602	Medical Scientists	5	0	5
10040800	Chemists	15	5	10
10041000	Geologists & Geophysicists	0	0	0
10041400	Physicists	0	0	0
10041600	Life and Physical Scientists, n.e.c.	0	0	0
10060000	Mathematical Specialists	15	0	15
10060200	Actuaries	0	0	0
10060400	Mathematical Scientists	15	0	15
10060402	Mathematicians	5	0	5
10060403	All Other Math Scientists	10	0	10
10060600	Statisticians	0	0	0
10080000	Engineering, Science Technicians	130	50	80
10080600	Drafters	35	10	25
10080800	Electrical, Electronic Techs.	45	25	20
10080803	Electrical & Electronic Techs.	45	25	20
10080808	Broadcast Technicians	0	0	0
10081000	Industrial Engineering Techs.	0	0	0
10081400	Mechanical Engineering Techs.	10	5	5
10081600	Surveyor	0	0	0
10081800	Engineering & Sci. Techs., n.e.c.	40	10	30
10081811	Colorists Textiles	0	0	0
10081816	Civil Engineering Techs.	5	0	5
10081898	All Other Engineering Techs.	20	5	15
10081899	All Other Science Techs.	15	5	10
10100000	Medical Workers, Ex. Techs.	785	305	480
10100200	Chiropractors	5	5	0
10100400	Dentists	35	20	15
10100600	Dieticians &/or Nutritionists	25	10	15
10100800	Nurses, Professional	460	180	280
10101000	Optometrists	10	0	10

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Professional, Technical & Kindred Workers (Cont'd.)				
10101200	Pharmacists	70	10	60
10101400	Physicians &/or Surgeons	85	40	45
10101600	Podiatrists	10	0	10
10101800	Therapists	80	40	40
10101801	Occupational Therapists	10	5	5
10101802	Manual Arts, Music, Rec. Therapists	10	5	5
10101803	Speech & Hearing Clinicians, Etc.	15	10	5
10101804	Physical Therapists	20	10	10
10101809	Inhalation Therapists	15	5	10
10101810	All Other Therapists	10	5	5
10102000	Veterinarians	5	0	5
10120000	Other Health Technologists & Technicians	420	150	270
10120200	Clinical Lab Technologists & Technicians	55	20	35
10120201	Medical Lab Technologists	25	10	15
10120202	Biochemistry Technologist	5	0	5
10120203	Microbiology Technologists	0	0	0
10120204	Cytotechnologists	0	0	0
10120205	Histologic Technologists	0	0	0
10120206	Medical Lab Assistants	25	10	15
10120207	Blood Bank Tech. Specialists	0	0	0
10120400	Dental Hygienists & Assts.	75	40	35
10120401	Dental Assistants	50	25	25
10120402	Dental Hygienists	25	15	10
10120600	Medical Record Libarians	10	5	5
10120800	Radiologic Technols. & Techns.	35	10	25
10120801	X-Ray Technicians	20	5	15
10120804	Radiologic Techns. & Nuc. Med. Techs.	15	5	10
10121000	Other Health Technols., Techs.	245	75	170
10121002	Surgical Technicians	5	0	5
10121006	EKG Technicians	5	0	5
10121007	EEG Technicians	0	0	0
10121008	Emergency Medical Technician	5	0	5
10121009	Pharmacy Helpers	15	5	10
10121010	Licensed Practical Nurse	185	60	125
10121011	Dietetic Technician	10	5	5
10121012	Physical Therapy Technicians	5	0	5
10121099	All Other Medical & Dental Techs.	15	5	10
10140000	Technicians, Ex. Health or S & E	20	10	10
10140200	Airplane Pilots	0	0	0
10140400	Airtraffic Controllers	0	0	0
10140600	Embalmers	0	0	0
10141000	Radio Operators	0	0	0
10141200	Tool Programmers, Numerical Control	0	0	0
10141400	Other Technicians, Ex. Health or S & E	20	10	10
10141404	All Other Technicians	20	10	10

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Professional, Technical & Kindred Occ. (Cont'd.)				
10141405	Technical Assistant, Library	0	0	0
10160000	Computer Specialists	150	120	30
10160200	Computer Programmers	75	60	15
10160400	Systems Analysts, EDP	75	60	15
10180000	Social Scientists	25	10	15
10180200	Economists	0	0	0
10180201	Financial Analysts	0	0	0
10180202	Economists	0	0	0
10180600	Psychologists	20	10	10
10181000	Urban and Regional Planners	0	0	0
10181200	All Other Social Scientists	5	0	5
10200000	Teacher	440	-95	535
10201000	Teachers Adult Education	35	10	25
10202000	College & University Teachers	15	-30	45
10202001	Teachers Voc. Ed. or Training	0	0	0
10202002	Teachers College	15	-20	35
10202003	Graduate Assistants	0	-10	10
10202004	Extention Service Spec.	0	0	0
10203000	Teachers Elementary	275	-5	280
10205000	Teachers Secondary	65	-75	140
10206000	Teachers, n.e.c.	50	5	45
10206001	Dance Instructors	5	0	5
10206099	All Other Teachers	45	5	40
10220000	Writers, Artists, Entertainers	140	25	115
10220200	Actors or Actresses	0	0	0
10220400	Athletes & Kindred Workers	0	0	0
10221000	Designing Occupations	35	5	30
10221200	Editors & Reporters	35	5	30
10221201	Writers &/or Editors	25	5	20
10221203	Reporters & Correspondents	10	0	10
10221400	Musicians	10	0	10
10221600	Painters & Sculptors & Commercial Artists	20	0	20
10221800	Photographic Occupations	15	5	10
10220000	Public Relations Specialists	15	5	10
10222000	Radio, TV Announcers	10	5	5
10240000	All Other Professional & Technical Workers	890	195	695
10240200	Accounting Occupations	190	70	120
10240201	Accountants & Auditors	175	65	110
10240203	Tax Examiners, Collectors, Rev. Agents	10	0	10
10240204	Tax Preparers	5	5	0
10240400	Architects	0	0	0
10240600	Archivists & Curators	0	0	0
10240800	Buying Occupations	70	5	65
10240801	Purchasing Agents &/or Buyers	30	5	25
10240803	Media Buyers	0	0	0

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Professional, Technical & Kindred Occ. (Cont'd.)				
10240804	Buyers, Retail &/or Wholesale	40	0	40
10241000	Clergy	65	10	55
10241200	Directors, Rel. Act. &/or Rel. Ed.	0	0	0
10242000	Judicial Workers	10	0	10
10242200	Lawyers & Kindred Workers	150	45	105
10242201	Law Clerks	5	0	5
10242202	Lawyers	115	30	85
10242203	Paralegal Personnel	30	15	15
10242400	Librarians & Related Workers	30	0	30
10242800	Personnel & Employment Workers	50	5	45
10242802	Personnel, Labor Relations Spec.	35	5	30
10242803	Employment Interviewers	15	0	15
10243200	Recreation Workers	35	5	30
10243400	Social Workers	105	25	80
10243401	Caseworkers	85	20	65
10243404	Welfare Investigators	5	5	0
10243405	Community Organization Wkrs.	15	0	15
10243600	Vocational & Educ. Counselors	25	0	25
10243800	Misc. Professional Workers	160	30	130
10243804	Cost Estimators	20	5	15
10243809	Credit Analysts Chief	0	0	0
10243810	Credit Analysts	0	0	0
10243811	Title Examiners &/or Abstractors	0	0	0
10243813	Estimators, Printing Services	0	0	0
10243814	Underwriters	20	5	15
10243816	Appraisers, Real Estate	5	0	5
10243817	Assessors	0	0	0
10243820	Special Agents, Insurance	5	0	5
10243821	Travel Agents, Tr. Accom. Appraisers	10	0	10
10243822	Claims Examiners, Prpty./Cslty. Ins.	15	10	5
10243899	All Other Professional Wkrs.	85	10	75
20000000	Managers & Officials	2,065	185	1,880
20020000	Sales Managers	45	10	35
20040000	Administrators, Pub. Inspectors	50	0	50
20040400	Construction Inspectors	10	0	10
20040800	Public Admin. Inspectors, Ex. Const.	15	0	15
20041000	Chief Executives, Legis.	25	0	25
20041200	Postmasters &/or Mail Superints.	0	0	0
20060000	Other Managers, Officials & Props.	1,970	175	1,795
20060800	Officers, Pilots, Pursers, Ship	0	0	0
20061200	Conductors, Train	5	0	5
20061400	Managers, Restaurant, Coffee Shop, Etc.	115	30	85
20061600	Other Managers & Administrators	1,850	145	1,705
20061612	Manager Stores	190	5	185
20061613	Manager Auto Service Dept.	10	0	10

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Managers & Officials (Cont'd.)				
20061614	Manager Auto Parts Dept.	5	0	5
20061615	Wholesalers	45	5	40
20061699	All Other Managers	1,600	135	1,465
30000000	Sales Workers	955	135	820
30001000	Insurance Agents, Brokers Etc.	45	10	35
30001400	Real Estate Agents, Brokers	25	5	20
30001401	Business Brokers	0	0	0
30001402	Real Estate Brokers	5	0	5
30001403	Sales Agents, Sales Rep. Real Estate	20	5	15
30001600	Stock & Bonds Sales Agents	15	0	15
30001604	Sales Agent, Sales Rep., Fin. Serv.	5	0	5
30001605	Sales Agent, Sales Rep., Security	10	0	10
30001800	Misc. Sales Workers	870	120	750
30001802	Sales Clerks	435	50	385
30001803	Vendors	0	0	0
30001804	Contribution Solicitors	0	0	0
30001805	Crating & Moving Estimators	0	0	0
30001806	Sales Clerk Supervisors	5	0	5
30001807	Sales Rep. Nontechnical	95	15	80
30001808	Sales Rep. Technical	140	5	135
30001899	All Other Sales Workers	195	50	145
40000000	Clerical Workers	3,935	695	3,240
40020000	Stenos., Secretaries & Typists	930	225	705
40020200	Secretaries	730	220	510
40020400	Stenographers	25	-15	40
40020600	Typists	175	20	155
40040000	Office Machine Operators	170	40	130
40040200	Office Machine Operators	40	5	35
40040201	Bookkeeping/Billing Mach. Ops.	35	5	30
40040202	Proofmachine Operators	5	0	5
40040600	Computer, Peripheral Equip. Ops.	85	50	35
40040601	Computer Operators	70	40	30
40040602	Peripheral EDP Equip. Ops.	15	10	5
40040800	Duplicating Machine Operators	15	5	10
40041000	Keypunch Operators	15	-20	35
40041400	All Other Office Machine Ops.	15	0	15
40060000	Other Clerical Workers	2,835	430	2,405
40060200	Bank Tellers	85	10	75
40060201	New Account Tellers	10	0	10
40060203	Tellers	75	10	65
40060600	Bookkeepers	400	65	335
40060601	Accounting Clerks	160	25	135
40060603	Bookkeepers, Hand	240	40	200
40060800	Cashiers	340	90	250
40061000	Eligibility Workers, Welfare	15	0	15

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Clerical Workers (Cont'd.)				
40061200	Clerical Supervisors	110	20	90
40061400	Collectors	10	0	10
40061600	Counter Clerks, Ex. Food	95	20	75
40061603	Desk Clerks	10	0	10
40061604	Order Clerks	80	20	60
40061605	Circulation Clerks	0	0	0
40061607	Telephone Ad Takers, Newspaper	5	0	5
40061608	Desk Clerks, Bowling Floor	0	0	0
40061699	All Other Counter Clerks, Ex. Food	0	0	0
40061800	Dispatchers, Starters, Vehicles	15	0	15
40061803	Dispatchers, Police, Fire, Ambulance	5	0	5
40061804	Dispatchers, Vehicle, Service or Wk.	10	0	10
40062000	Survey Workers	5	0	5
40062200	Estimators, Investigators, n.e.c.	35	5	30
40062201	Credit Authorizers	5	0	5
40062208	Adjustment Clerks	5	0	5
40062209	Checking Clerks	5	0	5
40062210	Claims Clerks	15	5	10
40062211	Credit Reporters	5	0	5
40062299	All Other Estimators, Invest. n.e.c.	0	0	0
40062400	Production Clerks	50	10	40
40062600	File Clerks & Related Workers	70	15	55
40062601	File Clerks	55	15	40
40062699	Personnel Clerks & Admissions Eval.	15	0	15
40062800	Claims Workers, Insurance	35	15	20
40062801	Claims Examiners, Insurance	25	10	15
40062803	Claims Adjuster	10	5	5
40063000	Library Assistants	20	0	20
40063200	Postal Mail Carriers	30	-10	40
40063400	Mail Handlers, Ex. Postal Svc.	10	0	10
40063600	Messengers & Office Helpers	5	0	5
40063601	Messengers, Bank	0	0	0
40063602	Messengers	5	0	5
40063800	Meter Readers	5	0	5
40064000	Payroll Time Keeping Clerks	60	10	50
40064200	Postal Service Clerks	5	-5	10
40064400	Proofreaders	5	0	5
40064800	Receptionists & Related Workers	175	40	135
40064802	Receptionists	115	30	85
40064803	Switchboard Ops./Receptionists	60	10	50
40065000	Shipping, Receiving Occupations	175	35	140
40065001	Shipping & Receiving Clerks	80	20	60
40065002	Shipping Packers	95	15	80
40065200	Statistical Clerk	25	5	20
40065205	Brokerage Clerk	0	0	0

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Clerical Workers (Cont'd.)				
40065209	Raters	10	0	10
40065211	Statistical Clerks	15	5	10
40065216	Court Clerk	0	0	0
40065217	Insurance Checkers	0	0	0
40065299	All Other Statistical Clerks	0	0	0
40065400	Stock Clerks, Storekeeper	150	25	125
40065402	Procurement Clerks	10	0	10
40065404	Stock Clerks, Stockroom, Whse., Etc.	140	25	115
40065600	Teachers Aides/Education Assts.	65	25	40
40066200	Telephone Operators	45	-5	50
40066201	Switchboard Operators	30	0	30
40066202	Central Office Operators	15	-5	20
40066299	All Other Telephone & Telegraph Ops.	0	0	0
40066400	Ticket, Station, Express Agents	5	0	5
40066600	Weighers, Recordkeeping	5	0	5
40066800	All Other Clerical Workers	785	60	725
40066801	Loan Closers	5	0	5
40066808	Service Representatives	15	0	15
40066811	General Clerks Office	480	50	430
40066812	In-File Operators	0	0	0
40066815	Policy Change Clerks	10	0	10
40066818	Real Estate Clerks	0	0	0
40066823	Statement Clerks	5	0	5
40066824	Service Clerks	0	0	0
40066840	Town Clerks	5	0	5
40066841	Credit Clerks Banks &/or Ins.	5	0	5
40066842	Mortgage Closing Clerks	0	0	0
40066846	Insurance Clerks, Medical	15	5	10
40066848	License Clerks	5	0	5
40066898	All Other Office Clerical Wkrs.	195	5	190
40066899	All Other Plant Clerical Wkrs.	45	0	45
50000000	Crafts And Kindred Workers	1,850	255	1,595
50020000	Construction Craft Workers	480	65	415
50020200	Carpenters	185	20	165
50020600	Brickmason & Stonemasons	40	5	35
50020601	Bricklayers	30	5	25
50020602	Stonemasons	5	0	5
50020606	Refractory Materials Repairers	5	0	5
50021200	Cement Mason	5	0	5
50021400	Electricians	55	5	50
50021800	Excavating, Grading Mach. Ops.	40	20	20
50022200	Painters, Maintenance	60	0	60
50022600	Paperhangers	10	0	10
50022800	Plasterers & Related Occupations	10	0	10
50023200	Plumbers & Pipefitters	65	15	50

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DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
rafts & Kindred Workers (Cont'd.)				
0023600	Roofers	5	0	5
0023800	Structural Steel Workers	5	0	5
0024000	Tile Installing Occupations	0	0	0
0040000	Blue Collar, Working Supervisors	200	25	175
0060000	Metal Working Crafts Workers, Ex. Mech.	180	10	170
0060400	Boilermakers	0	0	0
0060600	Heat Treaters, Annealers, Etc.	5	0	5
0060800	Forge & Hammer Operators	0	0	0
0061000	Job & Die Setters, Metal	40	5	35
0061002	Die Setters	0	0	0
0061003	Machine Tool Setters Metal Wrk.	30	5	25
0061007	Punch Press Setters, Metal	10	0	10
0061008	Shear &/or Slitter Setter	0	0	0
0061009	Setters, Plastic Molding Mach.	0	0	0
0061200	Machining Occupations	45	5	40
0061202	Layout Markers, Metals	0	0	0
0061206	Machinists	45	5	40
0061600	Millwrights	5	0	5
0061800	Molders Metal	0	0	0
0061801	Metal Mold Makers	0	0	0
0061804	Molders, Bench &/or Floors	0	0	0
0061805	Molders, Machine (Metal)	0	0	0
0062200	Pattern & Model Makers	5	0	5
0062400	Rollers & Finishers, Metal	0	-5	5
0062415	Rolling Mill Ops./Attendant	0	-5	5
0062499	All Other Rollers & Finishers Metal	0	0	0
0062600	Sheet Metal Workers	20	5	15
0063000	Toolmakers & Diemakers	60	0	60
0080000	Mechanics, Repairers, Installers	280	40	240
0080200	Refrigeration Mechanic, A/C Mech.	15	0	15
0080402	Aircraft Mechanic	5	0	5
0080600	Autoseat Cover, Top Installers	0	0	0
0080800	Autobody Repairers	10	0	10
0081000	Automotive Mechanic	75	15	60
0081800	Heavy Equip. Mechs., Inc. Diesel	60	5	55
0081803	Engineering Equip. Mechs.	5	0	5
0081806	Marine Mechs., Repairers	0	0	0
0081807	Maintenance Mechanics	50	5	45
0081810	Treatment Plant Mechs.	0	0	0
0081811	Knitting Machine Fixers	0	0	0
0081814	Section Repairers & Setters	5	0	5
0082000	Household Appl. Mech. & Inst.	5	0	5
0082002	Electric Meter Installers, Etc.	0	0	0
0082005	Gas & Electric Appliance Installers	5	0	5
0082007	Household Appliance Installer	0	0	0

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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Crafts & Kindred Workers (Cont'd.)				
50082009	Water Meter Installer	0	0	0
50082012	Household Appliance Repairer	0	0	0
50082200	Loom Fixers	0	-10	10
50082400	Office Machine Servicers/Cash Reg. Svc.	30	20	10
50082600	Radio & TV Servicers & Repairers	10	5	5
50082800	Railroad Car Shop Repairers	5	0	5
50083200	Other Mechs., Repairers, Installers	65	5	60
50083202	Bicycle Repairers	5	0	5
50083204	Electric Motor Repairers	5	0	5
50083212	Locksmiths	0	0	0
50083215	Coin Machine Servicers, Repairers	5	0	5
50083221	Instrument Repairers	0	0	0
50083222	Diesel Mechanics	20	5	15
50083224	Electromedical Equip. Repairers	0	0	0
50083225	Pinsetters Mechs., Automatic	0	0	0
50083229	All Other Mechs. & Repairers	30	0	30
50100000	Printing Trade Craft Workers	45	-5	50
50100200	Bookbinding Occupations	15	0	15
50100205	Bookbinders Machine	5	0	5
50100206	Bindery Workers, Assembly	5	0	5
50100208	All Other Bindery Workers	5	0	5
50100400	Compositiors &/or Typesetters	5	-5	10
50100800	Engravers Ex. Photoengravers	5	0	5
50101000	Photoengravers, Lithographers	10	0	10
50101001	Strippers Printing	5	0	5
50101002	Camera Operators, Printing	5	0	5
50101003	Photoengravers	0	0	0
50101200	Press & Plate Printers	10	0	10
50101201	Press Operators, Plate Printers	5	0	5
50101202	Offset Lithographic Press Ops.	5	0	5
50101203	Platemakers	0	0	0
50101206	Gravure Press Operators	0	0	0
50101207	Letter Press Operators	0	0	0
50101209	Steel Die Press Operators	0	0	0
50101299	Other Press & Plate Printers	0	0	0
50120000	Transportation, Pub. Util. Craftworkers	15	0	15
50120200	Elec. Powerline Inst., Repairers	10	5	5
50120201	Cable Splicers	5	5	0
50120202	Line Installers, Repairers	5	0	5
50120400	Locomotive Engineers Occupations	0	0	0
50120600	Locomotive Engineer Helpers	0	0	0
50120800	Power Station Operators	0	0	0
50121000	Telephone Installers, Repairers	5	-5	10
50121001	Installers, Repairers, Sec. Maint.	0	0	0
50121003	Station Installers	5	0	5

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Crafts & Kindred Workers (Cont'd.)				
50121010	Central Office Repairers	0	-5	5
50121011	Trouble Locators, Test Desk	0	0	0
50140000	Other Crafts, Kindred Workers	650	120	530
50140200	Baking Occupations	15	0	15
50140400	Cabinetmakers	15	0	15
50140600	Carpet Cutters, Carpet Layers	5	0	5
50140800	Crane, Derrick, Hoist Occups.	10	5	5
50141000	Merchandise Displayers & Wind Trmrs.	5	0	5
50141200	Dental Lab Technicians	0	0	0
50141400	Furniture Finishers	0	0	0
50141800	Glazing Occupations	5	0	5
50142200	Other Inspection Occupations	175	10	165
50142202	Inspectors	150	10	140
50142205	Testers	25	0	25
50142400	Jewelers & Watchmakers	60	5	55
50142401	Jewelers &/or Silversmiths	35	5	30
50142402	Watchmakers	5	0	5
50142410	Stone Setters	20	0	20
50142800	Motion Picture Projectionists	10	0	10
50143000	Opticians, Lens Grinders, Polisher	5	0	5
50143400	Shipfitters	60	25	35
50143600	Shoe Repairing Occupations	5	0	5
50144000	Stationary Engineering Occ.	20	0	20
50144003	Diesel Plant Operators	0	0	0
50144013	Sewage Plant Operators	5	0	5
50144014	Stationary Engineer	5	0	5
50144015	Turbine Operator	0	0	0
50144019	Pump. Stat. Operators, Waterworks	0	0	0
50144025	Water Treatment Plant Operators	5	0	5
50144099	All Other Stationary Eng. Occ.	5	0	5
50144200	Stone Cutting & Carving Occ.	0	0	0
50144400	Tailors	20	0	20
50144600	Upholstering Occupations	5	0	5
50144601	Furniture Upholsterers	5	0	5
50144699	All Other Upholstering Occ.	0	0	0
50144800	Craft & Kindred Workers n.e.c.	235	75	160
50144819	Machine Setters, Papergoods	0	0	0
50144821	Maintenance Repairers, Gen. Util.	100	30	70
50144899	All Other Skilled Craft Wkrs.	135	45	90
51000000	Operatives Ex. Transportation	1,890	105	1,785
51020000	Semiskilled Metalworking Ops.	395	70	325
51020200	Drill Press Ops.	35	0	35
51020400	Furnace Tndrs., Smelters, Pourers	5	0	5
51020404	Casters, Finished or Semifinished Prod.	0	0	0
51020435	Pourers, Metal	0	0	0

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transporatation (Cont'd.)				
61020436	Furnace Operators, Cupola Tenders	5	0	5
61020600	Grinding/Abrading Mach. Ops., Metal	45	0	45
61020800	Heaters, Metal	0	0	0
61021000	Lathe, Milling Mach. Ops.	45	5	40
61021003	Jewel-Bearing Lathe. Ops.	0	0	0
61021006	Lathe Machine Operators, Metal	35	5	30
61021007	Milling/Planning Mach. Ops	10	0	10
61021099	All Other Lathe, Milling Mach. Ops.	0	0	0
61021200	Metal Platers	20	0	20
61021201	Electroplaters	15	0	15
61021202	Dip Platers, Nonelectrolytic	5	0	5
61021400	Other Precision Mach. Ops.	55	5	50
61021402	Machine Tool Operators, Combo.	40	5	35
61021403	Machine Tool Operators, Num. Control	10	0	10
61021404	Wood Machinists	0	0	0
61021405	Machine Tool Ops., Tool Room	5	0	5
61021600	Power Press Operatives	80	10	70
61021609	Punch Press Ops., Metal	70	10	60
61021610	Punch Press Ops., Plastic	5	0	5
61021611	Power Brake, Bending Mach. Ops., Met.	5	0	5
61022000	Welders & Flamecutters	110	50	60
61040000	Semiskilled Textile Operatives	105	-65	170
61040200	Carding, Lapping, Combing Ops.	0	-5	5
61040202	Card Tenders, Comber Tenders, Etc.	0	-5	5
61040203	Drawing Frame & Gill Box Tenders	0	0	0
61040207	Slubber Tenders	0	0	0
61040208	Drawers-In, Hand	0	0	0
61040299	All Other Carding, Lapping, Combing Ops.	0	0	0
61040400	Knitters, Loopers & Toppers	10	0	10
61040403	Knitting Machine Operators	10	0	10
61040409	Warp Knitting Mach. Ops	0	0	0
61040499	All Other Knitters, Loopers & Toppers	0	0	0
61040600	Spinners, Twisters	70	-35	105
61040601	Beam Warptenders &/or Beamers	5	-5	10
61040604	Bobbin Winders, Mach/Sewing Mach.	5	0	5
61040606	Creelers Yarn	5	0	5
61040607	Doffers	5	0	5
61040608	Dresser Tender	0	0	0
61040610	Quilling Mach. Operators	5	0	5
61040612	Spinners Frame	5	-5	10
61040613	Threaders, Knitgoods	5	0	5
61040615	Twister Tenders	5	-10	15
61040616	Warp Tying Mach. Tenders	0	0	0
61040617	Winder Operators, Automatic	5	-5	10
61040618	Yarn Winders	20	-10	30

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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transportation (Cont'd.)				
61040619	Spooler Operators, Automatic	5	0	5
61040699	All Other Spinners, Twisters & Winders	0	0	0
61040800	Weaving Occupations	10	-10	20
61040802	Smash Hands	0	0	0
61040804	Weavers	10	-10	20
61040899	All Other Weavers	0	0	0
61041000	Other Textile Occupations	15	-15	30
61041001	Backtenders, Cloth Printing	0	0	0
61041002	Battery Loaders	0	0	0
61041005	Boil-Off Machine Ops., Cloth	0	0	0
61041008	Cloth Feeders &/or Back Tenders	0	-5	5
61041009	Cloth Finishing Range Tndrs., Mdle.	0	0	0
61041010	Cloth Finishing Range Ops., Chiefs	5	0	5
61041011	Cloth Printers	5	0	5
61041021	Rubber Covering Mach. Ops.	0	0	0
61041025	Tenter Frame Operators	0	-5	5
61041027	Turners	0	0	0
61041028	Folders, Hand	5	0	5
62041030	Drier Operators, Textile & Rugs	0	0	0
61041099	All Other Textile Occupations	0	-5	5
61060000	Semiskilled Packing, Inspecting Ops.	180	-10	190
61060200	Checkers, Examiners, Etc. Mfg.	5	-5	10
61060400	Graders & Sorters, Mfg.	-5	-5	0
61060405	Sorters, Leater	0	0	0
60160408	Cloth Graders	-5	-5	0
61060800	Packers, Wrappers, Ex. Meat & Produce	180	0	180
61060802	Production Packagers	165	5	160
61060803	Bundlers	0	0	0
61060804	Baggers	10	-5	15
60160807	Wrapping Mach. Ops.	5	0	5
61080000	Other Operatives, Ex. Transport.	1,210	110	1,100
61080400	Assemblers	350	60	290
61080415	Wirers, Electronic	5	0	5
61080416	Coil Finishers	0	0	0
61080419	Assemblers	160	15	145
61080436	Machine Assemblers	15	-5	20
61080437	Instrument Makers/Assemblers	25	5	20
61080438	Elec. Mech. Equip. Assemblers	20	5	15
61080439	Elec. & Electronic Assemblers	75	25	50
61080440	All Other Assemblers	50	15	35
61081000	Surveyor Helpers	0	0	0
61081200	Clothing Ironers & Pressers	25	0	25
61081201	Pressers, Hand	5	0	5
61081202	Pressers, Machine	5	0	5
61081203	Pressers, Mach. Laundry	15	0	15

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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transportation (Cont'd.)				
61081400	Cutting Operators, n.e.c	15	0	15
61081403	Cutters, Machine	5	0	5
61081409	Corner Cutters	0	0	0
61081417	Cutters, Portable Mach.	0	0	0
61081424	Diecutters, Clicking Mach. Ops.	5	0	5
61081435	Rubber Goods Cutter-Finisher Ops.	0	0	0
61081442	Slitter-Creaser-Slotter Ops.	0	0	0
61081458	Trimmers, Plastic	0	0	0
61081459	Shear &/or Slitter Ops., Met.	5	0	5
61081499	All Other Cutting Ops., n.e.c.	0	0	0
61081600	Sewers Custom	10	0	10
61082000	Dry Wall Installers, Lathers	5	0	5
61082001	Drywall Applicators	5	0	5
61082003	Tapers	0	0	0
61082200	Dyers	0	-5	5
61082201	Ager Operators	0	0	0
61082202	Beam Dyer Operators, Pkg. Dye Mach. Ops.	0	0	0
61082204	Dye Range Ops./Sp. Dye Beck Tenders	0	-5	5
61082205	Dye Reel Ops., Jiggers, Pad Mach. Ops.	0	0	0
61082209	Skein Yarn Dyers	0	0	0
61082400	Filers, Polishers, Sanders, Buffers	90	15	75
61082401	Filers, Grinders, Buffers, Chippers	90	15	75
61082402	Sandblasters/Shotblasters	0	0	0
61082403	Diepolishers, Wire &/or Tubes	0	0	0
61082410	Sanders Wood	0	0	0
61082499	All Filers, Polishers, Sanders, Buffers	0	0	0
61082600	Garage Workers, Gas Station Attendants	5	-10	15
61082603	Marine Service Station Attendants	0	0	0
61082604	Trailer Rental Attendants	0	0	0
61082605	Fuel Pump Attendants, Lubricators	5	-10	15
61082606	Tire Changers	0	0	0
61082800	Laundry, Dry Cleaning Ops., n.e.c.	50	10	40
61082801	Markers, Classifiers, Assemblers	5	0	5
61082802	Spotters, Dry Cleaning	0	0	0
61082804	Washers, Mach. &/or Starchers	25	10	15
61082806	Dry Cleaning Mach. Ops.	0	0	0
61082809	Laundry Ops., Sm. Establishments	15	0	15
61082818	Folders Laundry	5	0	5
61082899	All Other Laundry, Dry Cleaning Ops. n.e.c.	0	0	0
61083200	Meatcutters, Butchers Processing	5	0	5
61083207	Fish Cleaner Hand/Butchers Fish.	5	0	5
61083299	All Other Meatcutters, Butchers Proc.	0	0	0
61083600	Mine Operatives n.e.c.	0	0	0
61083800	Mixing Operatives	0	0	0
61084000	Oilers	5	0	5

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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transportation (Cont'd.)				
61084200	Painters, Mfg. Articles	45	10	35
61084201	Painters, Automotive	10	5	5
61084202	Decorators, Hand	10	0	10
61084210	Painters, Production	25	5	20
61084400	Other Photo Process Workers	25	10	15
61084600	Riveters & Fasteners	0	0	0
61084800	Sailors & Deckhands	0	0	0
61085000	Sawyers	5	0	5
61085003	Cutoff Saw Operators, Lumber	0	0	0
61085012	Ripsaw Operators	0	0	0
61085013	Sawyers Metal	5	0	5
61086014	Sawyers Stone	0	0	0
61085099	All Other Sawyers	0	0	0
61085200	Sewers & Stitchers	70	-25	95
61085205	Sewing Mach. Ops., Reg. Eqmt. Nongar.	20	-10	30
61085214	Menders Cloth	0	-10	10
61085215	Sewing Mach. Ops., Spec. Eqmt. Nongar	5	0	5
61085216	Sewing Mach. Ops., Spec. Eqmt. Gar.	5	0	5
61085220	Sewing Mach. Ops., Reg. Eqmt. Garment	40	-5	45
61085400	Shoemaking Machine Ops.	0	0	0
61085600	Furnace Tenders, Stokers, Ex. Metal	15	-5	20
61085602	Stationary Boilers Firers	15	-5	20
61085699	All Furnace Tenders, Stokers Ex. Met.	0	0	0
61085800	Winding Operatives n.e.c.	30	10	20
61085810	Coil Winders	30	10	20
61085899	All Other Winding Operatives	0	0	0
61086000	Misc. Mach. Ops., Meat & Dairy	5	0	5
61086200	Misc. Mach. Ops., All Other Food	15	10	5
61086207	Washer &/or Separators Food	0	0	0
61086229	Spinners Confection	0	0	0
61086258	Doughnut Maker/Doughnut Mach. Op.	15	10	5
61086265	Dyetank Tender Etc.	0	0	0
61086292	Oven Operators	0	0	0
61086299	All Other Misc. Mach. Ops., All Other Fd.	0	0	0
61086600	Misc Mach. Ops., Textile Mills	0	0	0
61086601	Laminating Mach. Ops., Etc.	0	0	0
61086604	Calender Ops., Cloth Pressing	0	0	0
61086608	Coating Mach. Ops.	0	0	0
61086699	All Other Misc. Mach. Ops., Textile Mills	0	0	0
61086800	Misc. Mach. Ops., Lumber Products	5	0	5
61086818	Woodworking Mach. Ops.	5	0	5
61086899	All Other Misc. Mach. Ops., Lumber Prod.	0	0	0
61087000	Misc. Mach. Ops., Paper Allied	5	0	5
61087035	Scorers	0	0	0
61087047	Four-Corner-Stayer Mach. Ops.	0	0	0

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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transportation (Cont'd.)				
61087051	Bag Machine Operators	0	0	0
61087054	Box Makers, Paperboard	0	0	0
61087056	Cutting & Creasing Press Ops.	0	0	0
61087070	Slotter Operators	0	0	0
61087099	All Other Misc. Mach. Ops., Paper Allied	5	0	5
61087200	Misc. Mach. Ops., Chemical Allied	10	0	10
61087288	Chemical Operators Helpers	0	-5	5
61087290	Chemical Operators A	10	5	5
61087291	Chemical Operators B	0	0	0
61087299	All Other Misc. Mach. Ops., Chem., Allied	0	0	0
61087600	Misc. Mach. Ops., Rubber Plastic	65	15	50
61087603	Rubber Mill Operators	0	0	0
61087608	Heat Sealers	0	0	0
61087618	Press Tenders, Rubber Goods	0	0	0
61087623	Extruder Ops., Rubber or Plastics	5	0	5
61087624	Extruder Ops. Helpers, Rub. or Plas.	0	0	0
61087629	Dipping Machine Ops.	0	0	0
61087631	Blowmolding Mach. Ops.	0	0	0
61087633	Calander Ops., Rubber or Plastic	0	0	0
61087635	Rotation Molding Mach. Ops.	0	0	0
61087637	Vacuum Plastic Forming Mach. Ops.	0	0	0
61087645	Compr. &/or Inject. Mold Mach. Ops., Plas.	60	15	45
61087699	All Other Misc. Mach. Ops., Rubber, Plas.	0	0	0
61087800	Misc. Mach. Ops., Leather, Leather Goods.	0	0	0
61087806	Molders Fiberglass Luggage	0	0	0
61087807	Handbag Framers	0	0	0
61088000	Misc. Mach. Ops., Stone, Clay, Glass	0	-5	5
61088004	Sliver Forming & Winding Ops., Etc.	0	-5	5
61088099	All Other Misc. Mach. Ops., Stone, Clay, Glass	0	0	0
61088200	Misc. Mach. Ops., Primary Metals	25	-10	35
61088229	Coilers, Winders &/or Spoolers	0	-5	5
61088260	Stranding Mach. Ops.	5	0	5
61088267	Draw-Bench Operators, Tube Drawers	5	0	5
61088280	Insulating Extruding Mach. Ops.	5	-5	10
61088287	Die-Casting Mach. Ops., Setters	5	0	5
61088289	Coil Tapers, Hand or Machine	0	0	0
61088291	Multi-Slide Mach. Ops.	0	0	0
61088299	All Other Misc. Mach. Ops., Prim. Metals	5	0	5
61088400	Misc. Mach. Ops., Mfg., n.e.c.	50	0	50
61088401	Screen/Stencil Printers/Setters	10	0	10
61088403	Coremakers, Hand, Bench, Floor	0	0	0
61088406	Braiding Mach. Ops.	15	-5	20
61088407	Grinder Ops.	0	0	0
61088414	Tumbler Ops., Plastic	0	0	0
61088415	Laminators, Preforms	10	5	5

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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Operatives Ex. Transportation (Cont'd.)				
61088416	Press Ops., Plastic	5	0	5
61088419	Rubber Mold Makers	5	0	5
61088428	Encapsulators	0	0	0
61088437	Insul. Wrapping/Braiding Mach. Ops.	5	0	5
61088499	All Other Misc. Mach. Ops., Mfg, n.e.c.	0	0	0
61088600	Misc. Mach. Ops., Nonmfg.	5	0	5
61088614	Tire Fabricators Repairers	5	0	5
61088699	All Other Misc. Mach. Ops., Nonmfg.	0	0	0
61088800	Operatives, n.e.c. Durable Goods	210	10	200
61088803	Bench Hand, Jewelry	135	10	125
61088805	Casters	10	0	10
61088806	Chain Makers, Hand	5	0	5
61088817	Fabricators, Plastic	0	0	0
61088818	Finishers, Hand	5	0	5
61088834	Plater Helpers	35	0	35
61088849	Wax Pattern Workers	15	0	15
61088850	Wire Drawers	5	0	5
61088899	All Other Operatives, n.e.c., Dur. Goods	0	0	0
61089000	Operatives, n.e.c., Non. Dur. Goods	55	15	40
61089032	Luggage Makers	40	10	30
61089071	Thread Trimmers	0	0	0
61089078	Casters, Plastic	0	0	0
61089095	Press Assistants & Feeders	5	0	5
61089097	Mailers	10	5	5
61089099	All Other Ops., n.e.c., Non. Dur. Goods	0	0	0
61089200	Operatives, n.e.c. Nonmfg.	10	5	5
61089204	Exterminators	10	5	5
61089210	Termite Treaters	0	0	0
62000000	Transportation Equip. Operatives	410	45	365
62000200	Motor Boat Operators	0	0	0
62000400	Bus Drivers	105	0	105
62000401	Bus Drivers	40	0	40
62000402	Bus Drivers, School	65	0	65
62000800	Delivery & Route Workers	80	5	75
62000801	Delivery & Route Wkrs.	80	5	75
62000802	Furniture Assemblers & Installers	0	0	0
62001000	Fork Lift, Tow Motor Ops.	40	5	35
62001400	Parking Lot Attendants	5	0	5
62001600	Railroad Brake Operators	5	0	5
62001800	Tower Operators	0	0	0
62002000	Taxicab Drivers, Chauffeurs	25	0	25
62002001	Ambulance Drivers/Amb. Attendants	5	0	5
62002004	Taxi Drivers	10	0	10

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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Transportation Equip. Operatives (Cont'd.)				
62002007	Chauffeurs	10	0	0
62002200	Truck Driving Occupations	150	35	115
63000000	All Other Ops. & Semiskilled Workers	275	0	275
70000000	Service Workers	4,430	995	3,435
70020000	Cleaning Service Workers	900	100	800
70040000	Food Service Workers	1,560	365	1,195
70040200	Bakers, Bread &/or Pastry	10	0	10
70040400	Bartenders	120	15	105
70040600	Dining Room Attendants, Bar Helpers, Etc.	25	15	10
70040800	Cooks, Ex. Private	235	50	185
70040802	Cooks, Short Order, Spec. Fast Food	70	10	60
70040803	Cooks, Restaurant	80	20	60
70040804	Cooks, Institutional	85	20	65
70041400	Butchers &/or Meat Cutters, Retail	20	0	20
70041600	Waiters &/or Waitresses	360	80	280
70041601	Host/Hostess Rest., Lnge, Cof. Shop	25	10	15
70041602	Waiters &/or Waitresses	335	70	265
70041800	Food Workers, n.e.c., Ex. Private	790	205	585
70041802	Kitchen Helpers	365	90	275
70041804	Food Prep. & Serv. Wkrs., Fast Fd. Rest.	175	65	110
70041805	Pantry, Sandwich &/or Coffee Makers	15	5	10
70041899	All Other Food Service Workers	235	45	190
70060000	Health Service Workers	745	340	405
70060400	Health Aides, Ex. Nursing	0	0	0
70061000	Nursing Assistant Occupation	745	340	405
70061010	Nurses Aide/Orderlies	645	310	335
70061011	Psychiatric Aides	80	20	60
70061013	Medical Assistants	20	10	10
70080000	Personal Service Workers	445	75	370
70080800	Attendants, Recreation & Amusement	5	0	5
70080401	Recreation Facility Attendants	0	0	0
70080402	Game Ops., Ride Ops., Concess. Wkrs.	5	0	5
70080403	Pinchasers	0	0	0
70080407	Lifeguards	0	0	0
70080600	Attendants, Personal Service, n.e.c.	130	40	90
70080608	Guides, Travel	10	0	10
70080611	Instructors, Reducing	25	5	20
70080616	Housekeepers, Hotel & Motel	80	35	45
70080618	Checkroom & Locker Room Attendants	5	0	5
70080619	Guides, Sightseeing or Establishment	5	0	5
70080699	All Other Attendants, Personal Svc. n.e.c.	5	0	5
70080800	Baggage Porters & Bellhops	0	0	0
70081000	Barbers	50	0	50
70081600	Childcare Workers, Ex. Private	155	25	130
70081601	Child Care Attendants	0	0	0

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MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
ervice Workers (Cont'd.)				
70081602	Child Care Workers	155	25	130
70082000	Hairdressers, Cosmetologists	60	0	60
70082001	Cosmetologist/Wm's Hair Stylists	60	0	60
70082006	Shampooers	0	0	0
70082600	School Monitors	0	0	0
70082800	Ushers, Lobby Attns., Ticket Takers	20	0	20
70083000	Social Service Aides	25	10	15
70100000	Protective Service Workers	565	75	490
70100200	Crossing Guards, Bridge Tenders	15	0	15
70100202	Crossing or Bridge Tenders	0	0	0
70100203	School Crossing Guards	15	0	15
70100400	Firefighting Occupations	30	0	30
70100401	Fire Fighters	25	0	25
70100402	Fire Officers &/or Inspectors	5	0	5
70100600	Guards	475	75	400
70100601	Guards & Doorkeepers	405	65	340
70100602	Checkers Fitting Room	5	0	5
70100606	Fish & Game Wardens	0	0	0
70100607	Correction Officers &/or Jailers	65	10	55
70100800	U.S. Marshalls	0	0	0
70101000	Police & Detectives	40	0	40
70101002	Store Detectives	0	0	0
70101004	Police Officers	10	0	10
70101005	Police Detectives	5	0	5
70101006	Police Patrolmen/Women	25	0	25
70101099	All Other Police & Detectives	0	0	0
70101200	Sheriffs & Baliffs	5	0	5
70120000	Private Household Workers	55	5	50
70120200	Childcare Workers, Pvt. Household	5	0	5
70120400	Cooks, Private Households	5	0	5
70120600	Housekeepers, Pvt. Households	45	5	40
70200000	Other Service Workers	160	35	125
70200001	Supervisors, Nonworking, Svc.	40	10	30
70200099	All Other Service	120	25	95
80000000	Laborers, Ex. Farm	1,065	95	970
80000200	Animal Caretakers	10	0	10
80000600	Construction Laborers, Ex. Carpenters Helper	40	20	20
80000601	Air Hammer Operators	0	0	0
80000609	Pipelayers	15	10	5
80000610	Reinforcing-Iron Workers	0	0	0
80000628	Highway Maintenance Workers	15	0	15
80000629	Asphalt Rakers	10	10	0
80001000	Freight, Material Handlers	10	0	10
80001020	Conveyor Operators or Tenders	5	0	5
80001023	Work Distributor	5	0	5

AVERAGE ANNUAL NUMBER OF JOB OPENINGS, BY OCCUPATION
DURING 1980-1990 PERIOD FOR RHODE ISLAND

MATRIX CODE	OCCUPATIONAL TITLE	Net Openings	Openings Due to Growth	Openings Due to Separation
Laborers Ex. Farm (Cont'd.)				
80001099	All Other Freight Material Handlers	0	0	0
80001200	Garbage Collectors	10	5	5
80001400	Gardeners & Groundskeepers	105	5	100
80002000	Stock Handlers	135	15	120
80002001	Order Fillers	65	10	55
80002003	Stock Clerks, Sales Floor	70	5	65
80002400	Vechicle Washers, Equipment Cleaners	10	0	10
80002800	Other Laborers	745	50	695
80002813	Shake Out Worker, Foundry	0	0	0
80002819	Furnace Op. Helpers/Heater Helper	0	0	0
80002821	Scrap Sorters	0	0	0
80002822	Riggers	10	5	5
80002823	Helpers Trades	55	10	45
80002831	Forest Conservation Workers	0	0	0
80002899	All Other Laborers & Unskilled Wkrs.	680	35	645
90000000	Farmers & Farm Workers	105	0	105
90020000	Farmers & Farm Managers	55	0	55
90020200	Farmers (Owners & Tenents)	50	0	50
90020400	Farm Managers	5	0	5
90040000	Farm Laborers, Farm Supervisors	50	0	50
90040200	Farm Supervisors	5	0	5
90040400	Farm Laborers	45	0	45

Due to rounding, changes of less than $\pm$ 5 openings per year appear as a zero (0).

D. Potential Occupational Supply

The following table is a list of occupations in which there were 100 or more active applicants on file with the Rhode Island Job Service at the end of Febuary 1985. An active applicant is a person who is available for referral to a job.

Despite recent declines in unemployment in the State, there are numerous occupations in which there are a significant number of available applicants. An occupation in which there are over 100 applicants indicates a significant labor surplus. Although not all the applicants are unemployed, a substantial proportion of Job Service applicants are not working.

Some of the occupations on this list are not relevant to the types of training conducted under JTPA and similar programs, but it is hoped that program administrators will take note of occupations in which there is a significant labor surplus when planning job training curricula.

Occupations With 100 or More Active Applicants

at the End of February 1985

D.O.T. Code	Occupational Title	Active Applicants
185.167-046	Manager, Retail Store	145
201.362-030	Secretary	195
209.562-010	General Office Clerk	596
210.382-014	Bookkeeper	122
211.462-014	Cashier	136
219.362-010	Administrative Clerk	200
237.367-038	Receptionist	156
311.477-014	Counter Worker	117
311.477-030	Waiter/Waitress, Informal	323
312.474-010	Bartender	115
313.361-014	Cook	118
318.687-010	Kitchen Helper	153
355.674-014	Nurse Aide	381
381.687-014	Cleaner	206
620.261-010	Automobile Mechanic	123
700.687-058	Polisher	190
729.687-010	Assembler, Electrical Accessories	164
739.687-030	Small Products Assembler	125
840.381-010	Painter	172
860.381-022	Carpenter	156
869.664-014	Construction Worker I	292
869.687-026	Construction Worker II	152
905.663-014	Truck Driver, Heavy	180
920.587-018	Hand Packager	659
929.687-030	Material Handler	427

Section 4: Recent Trends in Unemployment

The annual average number of unemployed in Rhode Island in 1984 was 26,000, a decrease of 13,000 or 33.3 percent from the 1983 average of 39,000. The State's 1984 average unemployment rate of 5.3 percent was a sharp decrease from 8.2 percent in 1983.

Unemployment was on the decline for much of the year, except for expected seasonal increases in June and July, and the latter three months. The lowest jobless level (20,200) was seen in September, when the rate of unemployment was 4.1 percent.

The State's economy is expected to remain strong in Fiscal Year 1986, causing the jobless level and rate to remain relatively low. Unemployment in Rhode Island is expected to average 30,000 in Fiscal Year 1986, leading to an average State unemployment rate of 6.0 percent.

RHODE ISLAND LABOR FORCE AND UNEMPLOYMENT

1 9 8 4

Month	Unemployment	Labor Force	Unemployment Rate	
			Unadjusted	Seasonally Adjusted
January	34,400	480,100	7.2	6.4
February	33,400	481,600	6.9	5.9
March	29,100	481,800	6.0	5.6
April	25,800	485,300	5.3	5.1
May	23,800	492,200	4.8	5.3
June	24,400	498,600	4.9	5.0
July	28,200	492,500	5.7	4.9
August	22,000	492,800	4.5	4.4
September	20,200	492,100	4.1	4.7
October	20,500	492,100	4.2	4.9
November	23,700	494,700	4.8	5.7
December	26,300	496,300	5.3	5.5
Annual Average	26,000	490,000	5.3	-

SOURCE: R.I. Department of Employment Security

RHODE ISLAND LABOR FORCE AND UNEMPLOYMENT

1983

Month	Unemployment	Labor Force	Unemployment Rate	
			Unadjusted	Seasonally Adjusted
January	54,600	469,000	11.6	10.6
February	50,500	465,500	10.8	9.7
March	46,700	466,600	10.0	9.3
April	42,600	469,400	9.1	8.8
May	38,200	470,700	8.1	8.6
June	39,500	477,100	8.3	8.4
July	45,700	479,000	9.5	8.2
August	37,600	477,100	7.9	7.7
September	30,000	477,100	6.3	7.2
October	28,100	477,100	5.9	6.9
November	26,500	478,700	5.5	6.5
December	28,000	480,700	5.8	6.2
Annual Average	39,000	474,000	8.2	-

SOURCE: R.I. Department of Employment Security

Section 5: Characteristics of the Insured Unemployed

As the Rhode Island economy improved during 1984, the average number of insured unemployed (persons collecting regular Unemployment Insurance benefits) decreased 35.5 percent from 17,316 in 1983 to 12,776 in 1984. This decrease of 4,540 in average insured unemployed included 2,293 women and 2,247 men.

The sector experiencing the largest drop in average insured unemployment was manufacturing with an average of 2,244 fewer people unemployed in 1984 than in 1983. Also showing a notable decrease in insured unemployment was the service industry, which was down by 890 and trade, which was down by 711. Public utilities was the only industry showing an increase in average insured unemployed.

Within occupational skills, the largest decrease in average insured unemployment was in the benchwork category. This drop of 1,209 workers coincides with the significant annual decrease in insured unemployment in manufacturing. Other occupational skills showing moderate declines in average insured unemployment were clerical and sales, professional, technical and managerial, and the structural work category.

CHARACTERISTICS OF THE INSURED

UNEMPLOYED

ANNUAL AVERAGE - 1984

	Number	Percent
Sex and Age		
Total	12,776	100.0
Men	6,569	51.4
Under 45	4,740	72.2
45 and over	1,829	27.8
Women	6,207	48.6
Under 45	3,748	60.4
45 and over	2,459	39.6
Industry Attachment		
Total All Industries	12,776	100.0
Contract Construction	1,629	12.7
Manufacturing	5,682	44.5
Public Utilities	572	4.5
Trade	1,731	13.6
Finance-Insurance-Real Estate	372	2.9
Service	1,652	12.9
All Other	1,138	8.9
Occupational Skills		
Total All Occupations	12,776	100.0
Prof., Tech. and Mgr.	1,540	12.0
Clerical and Sales	2,168	17.0
Service	1,210	9.5
Forestry, Fishery, and Rel.	352	2.8
Processing	549	4.3
Machine Trades	1,550	12.1
Bench Work	1,890	14.8
Structural Work	1,668	13.1
Miscellaneous	1,413	11.0
Not Available	436	3.4

CHARACTERISTICS OF THE INSURED

UNEMPLOYED

ANNUAL AVERAGE - 1983

	Number	Percent
Sex and Age		
Total	17,316	100.0
Men	8,816	50.9
Under 45	6,085	69.0
45 and over	2,731	31.0
Women	8,500	49.1
Under 45	5,000	58.8
45 and over	3,500	41.2
Industry Attachment		
Total All Industries	17,316	100.0
Contract Construction	1,778	10.3
Manufacturing	7,926	45.8
Public Utilities	542	3.1
Trade	2,442	14.1
Finance-Insurance-Real Estate	598	3.4
Service	2,542	14.7
All Other	1,488	8.6
Occupational Skills		
Total All Occupations	17,316	100.0
Prof., Tech. and Mgr.	2,226	12.9
Clerical and Sales	2,994	17.3
Service	1,480	8.5
Forestry, Fishery, and Rel.	279	1.6
Processing	822	4.8
Machine Trades	1,930	11.1
Bench Work	3,099	17.9
Structural Work	2,218	12.8
Miscellaneous	1,544	8.9
Not Available	724	4.2

- APPENDIX -

SOURCES OF DATA

Population totals and characteristics for 1970 and 1980 were obtained from the 1970 and 1980 Census of Population and Housing.

Operating statistics, establishment employment data, and unemployment estimates prepared by the Rhode Island Department of Employment Security were the major sources of current data. Unemployment estimates are prepared in accordance with the methodology required by the Bureau of Labor Statistics, U.S. Department of Labor.

Data on job openings was obtained from Job Bank summary tables.

Technical Notes and Explanatory Material

The employment and unemployment information in this report was compiled by the Labor Market Information Section of the Rhode Island Department of Employment Security, affiliated with the Employment and Training Administration and the Bureau of Labor Statistics, U.S. Department of Labor. Data in the report is based in part on current survey data collected from a sample of local employers, as well as information developed in the course of the normal operations of the Job Service and Unemployment Insurance Programs operated by the Rhode Island Department of Employment Security.

An explanation of some of the technical terminology for various items discussed in the report is presented on the following pages.

Employment

Nonagricultural wage and salary establishment employment refers only to employees on establishment payrolls during the sample week in each month (week including the 12th), and excludes self-employed, unpaid family workers, domestic workers, agricultural workers, and workers involved in labor-management disputes. Nonagricultural wage and salary employment figures relate to place of work of the workers and not to their place of residence. To the extent that multiple job holding exists during the payroll period, the establishment payroll records may count a person more than once. In addition, the payroll data includes incommuters who live outside the state, but no outcommuters who work outside the state.

Unemployment

Unemployment data included in this report for the State of Rhode Island are conceptually comparable with those released by the U.S. Department of Labor each month for the country as a whole. However, they are developed on the basis of a different procedure.

The national data are based on a sample of households throughout the country. The state information starts with a count of persons eligible for unemployment insurance benefits. To this total are added appropriate estimates for unemployed persons who have exhausted their unemployment insurance benefits and are still unemployed; persons who have delayed filing for benefits but who were not working; unemployed persons who applied for benefits but were not qualified to receive them; workers separated from industries not covered by unemployment insurance; and jobless persons newly entering or reentering the labor force.

The state estimates thus include all workers not at work but actively seeking work in the sample week in each month, or who had made specific efforts to find a job during the past four weeks.

The unemployment data also include those who did not work and were waiting to be called back to a job, or were waiting to

report to a new job to start within the following 30 days.

Unemployed workers are counted by their place of residence. The unemployment rate represents the number of unemployed as a percent of civilian labor force.

Civilian Labor Force

Civilian labor force represents the sum of all employed persons (exclusive of the Armed Forces), the unemployed, and persons involved in labor-management disputes. Persons directly involved in labor-management disputes are not considered either employed or unemployed. The employment component of the civilian labor force has been adjusted to reflect place of residence.

Both total employment and total unemployment have been adjusted or "benchmarked" to similar data for Rhode Island obtained from the Current Population Survey (CPS), which is the source of national employment and unemployment data. The CPS is a monthly survey of households conducted in each state. This benchmarking procedure is required by the Bureau of Labor Statistics.

Job Openings and Job Applicants

The information on job openings and job applicants found in this report is based upon data on job openings listed and applicants registered for work with the Rhode Island Job Service. While such openings are in general reasonably representative of the kinds of occupations in demand in the state, Job Service unfilled openings (the total of employer orders which are on file and which have not been filled as of a particular day) may understate needs in some occupations for which hiring is normally handled through other channels such as union hiring halls. Openings unfilled for one month or more are generally considered hard-to-fill.

Job applicants registered with the Job Service are reasonably representative of the available worker supply in most occupational categories. These job seekers include unemployed persons, new and re-entrants to the labor force, and currently employed workers seeking a job change.

RHODE ISLAND
PRIMARY METROPOLITAN STATISTICAL AREAS
AND LABOR MARKET AREAS*

Providence PMSA

The Providence PMSA consists of the towns of Barrington, Bristol and Warren in Bristol County, R.I.; the city of Warwick and the towns of Coventry, East Greenwich, and West Warwick in Kent County, R.I.; the town of Jamestown in Newport County, R.I.; the cities of Cranston, East Providence and Providence, and the towns of Foster, Glocester, Johnston, North Providence, and Scituate in Providence County, R.I.; and the towns of Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown in Washington County, R.I.

Pawtucket - Woonsocket - Attleboro PMSA

The Pawtucket - Woonsocket - Attleboro PMSA consists of the cities of Central Falls, Pawtucket and Woonsocket, and the towns of Burrillville, Cumberland, Lincoln, North Smithfield and Smithfield in Providence County, R.I.; the city of Attleboro and the towns of North Attleboro, Rehoboth and Seekonk in Bristol County, Mass.; the town of Plainville in Norfolk County, Mass.; and the towns of Blackstone and Millville in Worcester County, Mass.

Newport Labor Area

The Newport Labor Area consists of the city of Newport and the towns of Middletown and Portsmouth in Newport County, R.I.

Rhode Island Estimating Area

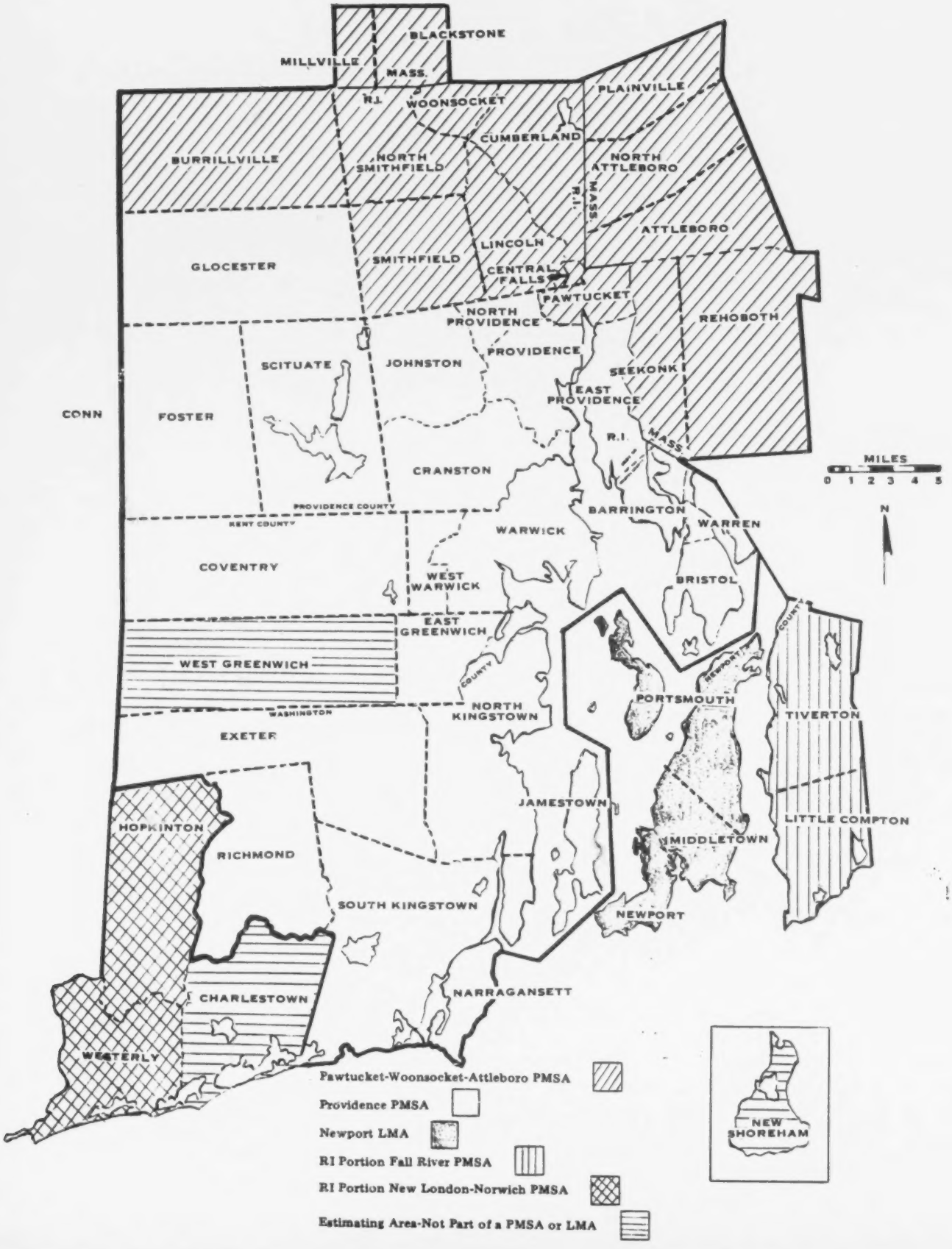
The Rhode Island Estimating Area is not part of a PMSA or LMA. It consists of the towns of Charlestown and New Shoreham in Washington County, R.I.; and the town of West Greenwich in Kent County, R.I.

The towns of Little Compton and Tiverton in Newport County, R.I. fall within the Fall River PMSA. Labor Market Information for this area is developed by the Massachusetts Division of Employment Security.

The towns of Hopkinton and Westerly in Washington County, R.I. fall within the New London - Norwich MSA. Labor Market Information for this area is developed by the Connecticut Division of Employment Security.

*These definitions effective January 1985.

RHODE ISLAND
PRIMARY METROPOLITAN STATISTICAL AREAS
AND LABOR MARKET AREAS



PROVIDENCE

PRIMARY METROPOLITAN STATISTICAL AREA

LABOR FORCE AND UNEMPLOYMENT

1 9 8 3

Month	Unemployment	Labor Force	Unemployment Rate
January	35,100	318,400	11.0
February	32,500	316,900	10.3
March	30,000	317,300	9.5
April	27,600	318,500	8.7
May	25,200	319,600	7.9
June	26,100	321,400	8.1
July	30,100	320,700	9.4
August	24,900	319,400	7.8
September	19,600	321,200	6.1
October	18,100	321,700	5.6
November	16,800	324,000	5.2
December	18,000	325,500	5.5
Annual Average	25,300	320,400	7.9

SOURCE: R.I. Department of Employment Security

PROVIDENCE

PRIMARY METROPOLITAN STATISTICAL AREA

LABOR FORCE AND UNEMPLOYMENT

1984

Month	Unemployment	Labor Force	Unemployment Rate
January	22,200	323,800	6.9
February	21,600	324,800	6.7
March	18,900	325,500	5.8
April	17,100	327,600	5.2
May	15,800	332,000	4.8
June	16,200	335,000	4.8
July	18,600	329,800	5.6
August	14,700	329,900	4.5
September	13,500	330,700	4.1
October	13,400	330,200	4.1
November	15,200	332,700	4.6
December	17,300	334,100	5.2
Annual Average	17,000	329,700	5.2

SOURCE: R.I. Department of Employment Security

PAWTUCKET-WOONSOCKET-ATTLEBORO

PRIMARY METROPOLITAN STATISTICAL AREA

LABOR FORCE AND UNEMPLOYMENT

1983

Month	Unemployment	Labor Force	Unemployment Rate
January	21,500	135,700	15.8
February	19,400	132,400	14.7
March	17,900	132,900	13.5
April	15,500	132,600	11.7
May	13,900	131,500	10.6
June	14,900	134,500	11.1
July	15,900	133,400	11.9
August	13,500	133,500	10.1
September	12,000	134,500	8.9
October	10,900	135,100	8.1
November	9,800	135,400	7.2
December	10,700	136,200	7.9
Annual Average	14,700	134,000	11.0

SOURCE: R.I. Department of Employment Security

PAWTUCKET - WOONSOCKET - ATTLEBORO

PRIMARY METROPOLITAN STATISTICAL AREA

LABOR FORCE AND UNEMPLOYMENT

1 9 8 4

Month	Unemployment	Labor Force	Unemployment Rate
January	13,100	137,700	9.5
February	12,000	137,300	8.7
March	10,600	136,800	7.7
April	9,300	136,900	6.8
May	8,100	136,500	5.9
June	8,400	137,300	6.1
July	9,900	136,500	7.3
August	8,100	136,500	5.9
September	7,500	135,500	5.5
October	6,800	136,900	5.0
November	7,700	137,500	5.6
December	8,400	137,500	6.1
Annual Average	9,200	136,900	6.7

SOURCE: R.I. Department of Employment Security

PAWTUCKET - WOONSOCKET - ATTLEBORO PMSA

ESTABLISHMENT EMPLOYMENT**

Calendar Year 1984

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	118.8	119.2	120.1	120.8	121.3	121.7	119.3	121.2	122.1	123.5	123.1	123.2	121.2
MANUFACTURING EMPLOYMENT	54.8	55.2	55.4	55.9	56.1	56.3	55.1	56.6	56.7	57.0	56.9	56.4	56.0
Textiles	5.6	5.6	5.7	5.9	5.9	5.8	5.6	5.9	5.8	5.8	5.8	5.8	5.8
Primary Metal Industry	5.3	5.3	5.3	5.4	5.4	5.4	5.3	5.3	5.3	5.4	5.5	5.4	5.4
Fabricated Metal Products	5.1	5.0	5.0	4.9	5.1*	5.1	5.1	5.2	5.3	5.3	5.3	5.3	5.1
Jewelry	7.9	7.9	7.9	7.9	7.9	8.0	7.7	8.1	8.1	8.1	8.0	7.9	7.9
All Other Manufacturing	30.9	31.4	31.5	31.8	31.8	32.0	31.4	32.1	32.2	32.4	32.3	32.0	31.8
NON-MANUFACTURING EMPLOYMENT	64.0	64.0	64.7	64.9	65.2	65.4	64.2	64.6	65.4	66.5	66.2	66.8	65.2
Contract Construction	2.8	2.8	2.8	2.9	3.3	3.5	3.6	3.7	3.7	3.7	3.5	3.5	3.3
Trans., Comm. & Public Utilities	3.4	3.4	3.4	3.4	3.3	3.2	3.1	3.2	3.4	3.5	3.4	3.3	3.3
Wholesale & Retail Trade	25.1	25.0	25.2	25.3	25.4	25.6	25.3	25.3	25.4	25.5	25.6	26.1	25.4
Finance, Insurance & Real Estate	3.1	3.1	3.1	3.1	3.2	3.3	3.4	3.4	3.3	3.3	3.2	3.2	3.2
Service, except domestic	19.9	19.9	20.4	20.5	20.3	20.4	20.0	19.9	20.7	20.7	20.8	20.9	20.5
Government	9.7	9.8	9.8	9.7	9.7	9.4	8.8	9.1	8.9	9.8	9.7	9.8	9.5
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	7.8	7.8	7.9	8.1	8.1	8.4	8.2	8.2	7.9	8.0	7.8	7.8	8.0
Labor Disputes	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* Labor Dispute.
** A count of jobs by place of work.

PAWTUCKET-WOONSOCKET-ATTLEBORO PMSA

ESTABLISHMENT EMPLOYMENT**

Calendar Year 1983

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	109.7	109.2	110.8	113.3	114.1	115.5	111.4	113.3	117.9	119.6	120.1	120.4	114.6
MANUFACTURING EMPLOYMENT	50.5	50.1	50.8	51.7	52.1	53.0	51.5	53.4	54.7	55.6	55.8	55.3	52.8
Textiles	5.4	5.3	5.4	5.6	5.7	5.8	5.3	5.8	5.8	5.8	5.7	5.8	5.6
Primary Metal Industry	5.1	5.2	5.2	5.3	5.2	5.2	4.8	5.0	5.1	5.2	5.2	5.2	5.1
Fabricated Metal Products	4.3	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.8	4.9	5.1	5.1	4.6
Jewelry	7.9	7.7	7.8	7.8	7.9	7.9	7.6	7.9	8.3	8.3	8.4	8.3	8.0
All Other Manufacturing	27.8	27.6	28.0	28.6	28.8	29.5	29.2	30.0	30.7	31.4	31.4	30.9	29.5
NON-MANUFACTURING EMPLOYMENT	59.2	59.1	60.0	61.6	62.0	62.5	59.9	59.9	63.2	64.0	64.3	65.1	61.8
Contract Construction	2.2	2.0	2.1	2.5	2.8	2.9	3.2	3.2	3.3	3.3	3.3	3.2	2.8
Trans., Comm. & Public Utilities	3.2	3.2	3.2	3.4	3.4	3.4	3.2	2.8*	3.5	3.6	3.6	3.6	3.4
Wholesale & Retail Trade	22.3	22.2	22.9	23.5	23.6	23.9	23.7	23.9	24.2	24.0	24.2	24.8	23.6
Finance, Insurance & Real Estate	2.8	2.8	2.8	2.8	2.8	2.9	3.0	3.0	3.1	3.1	3.1	3.1	3.0
Service, except domestic	18.8	18.9	19.1	19.4	19.5	19.5	19.9	20.1	20.4	20.2	20.2	20.4	19.7
Government	9.9	10.0	9.9	10.0	9.9	9.9	6.9	6.9	8.7*	9.8	9.9	10.0	9.3
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	7.2	7.3	7.4	7.5	7.6	7.9	7.8	8.0	7.9	8.0	8.0	8.0	7.7
Labor Disputes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.1

* Labor Dispute.
** A count of jobs by place of work.

PROVIDENCE PMSA

ESTABLISHMENT EMPLOYMENT**

Calendar Year 1983

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	268.5	269.4	272.1	276.2	279.6	278.5	269.9	272.7	284.0	286.0	288.8	288.7	277.9
MANUFACTURING EMPLOYMENT	70.1	70.7	71.2	72.3	73.6	74.4	71.5	75.0	76.1	76.5	77.5	76.5	73.8
Textiles	3.9	3.9	4.0	4.0	4.1	4.0	3.9	4.1	4.1	4.1	4.1	4.0	4.0
Rubber & Misc. Plastics Products	3.2	3.1	3.1	3.2	3.3	3.4	3.3	3.4	3.5	3.5	3.5	3.5	3.3
Primary Metal Industry	2.1	2.1	2.1	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.1	2.1
Fabricated Metal Products	5.7	5.6	5.6	5.7	5.8	5.9	5.9	6.1	6.2	6.2	6.2	6.2	5.9
Machinery (exc. electrical)	4.9*	4.9*	4.8*	4.9*	4.9*	4.9*	4.7*	4.7*	4.8*	4.6*	4.6*	4.6*	4.8
Electrical Machinery	5.4	5.6	5.7	5.8	5.8	5.6	5.5	5.7	6.0	6.0	6.0	6.2	5.8
Transportation Equipment***	6.6	6.8	6.9	7.0	7.0	7.1	6.9	7.1	7.1	7.1	7.2	7.3	7.0
Instruments	3.7	3.7	3.6	3.7	3.7	3.7	3.4	3.6	3.7	3.6	3.6	3.5	3.6
Jewelry	18.9	19.0	19.4	19.5	20.3	20.9	19.6	21.3	21.8	22.4	23.0	21.9	20.7
All Other Manufacturing	15.7	16.0	16.0	16.3	16.5	16.7	16.2	16.9	16.8	17.0	17.2	17.2	16.6
NON-MANUFACTURING EMPLOYMENT	198.4	198.7	200.9	203.9	206.0	204.1	198.4	197.7	207.9	209.5	211.3	212.2	204.1
Contract Construction	7.3	7.0	6.9	8.0	8.7	9.0	9.4	9.6	9.6	9.7	9.7	9.4	8.7
Trans., Comm. & Public Utilities	9.7	9.8	9.9	10.1	10.0	10.2	9.8	8.2*	10.4	10.1	10.2	10.1	9.9
Wholesale & Retail Trade	54.2	53.8	54.6	55.1	55.9	56.9	56.8	57.3	57.5	58.2	59.1	60.4	56.6
Finance, Insurance & Real Estate	18.0	18.1	18.1	18.2	18.3	18.5	18.5	18.6	18.3	18.2	18.4	18.3	18.3
Service, except domestic	65.8	66.5	67.5	68.6	69.2	66.5	65.8	66.9	69.6	70.4	70.8	70.6	68.2
Government	43.4	43.5	43.9	43.9	43.9	43.0	38.1	37.1	42.5*	42.9	43.1	43.4	42.4
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	18.0	18.3	18.7	18.6	18.8	19.2	19.1	19.5	19.4	19.6	19.6	19.4	19.0
Labor Disputes	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.9	2.2	1.2	1.2	1.2	1.4

* Labor Dispute.
** A count of jobs by place of work.
*** Prior to 1975, Transportation Equipment included in All Other Manufacturing.

PROVIDENCE PMSA

ESTABLISHMENT EMPLOYMENT**

Calendar Year 1984

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
NONAGRICULTURAL WAGE & SALARIED EMPLOYMENT	280.3	281.0	284.0	286.3	289.9	291.8	286.3	289.4	292.2	291.7	292.3	291.9	288.1
MANUFACTURING EMPLOYMENT	74.3	74.6	75.0	75.2	75.3	76.4	73.9	77.0	77.2	76.7	77.9	76.8	75.9
Textiles	4.1	4.2	4.2	4.3	4.2	4.2	4.1	4.2	4.2	4.1	4.0	4.0	4.2
Rubber & Misc. Plastics Products	3.5	3.5	3.5	3.4	3.5	3.7	3.6	3.7	3.7	3.7	3.8	3.8	3.6
Primary Metal Industry	2.1	2.1	2.1	2.2	2.1	2.2	2.1	2.2	2.2	2.0	2.0	2.0	2.1
Fabricated Metal Products	6.0	5.9	6.0	6.0	6.0	6.0	5.8	6.2	6.2	6.1	6.0	6.1	6.0
Machinery (exc. electrical)	4.6*	4.7*	4.7*	4.5*	4.5*	4.6*	4.6*	4.6*	4.6*	4.5*	4.6*	4.6*	4.6
Electrical Machinery	6.2	6.2	6.2	6.1	6.3	6.4	6.2	6.4	6.4	5.4	6.1	6.3	6.2
Transportation Equipment***	7.3	7.3	7.4	7.4	7.5	7.4	7.5	7.5	7.6	7.6	7.7	7.7	7.5
Instruments	3.5	3.5	3.5	3.5	3.6	3.6	3.5	3.6	3.5	3.5	3.5	3.5	3.5
Jewelry	20.5	20.7	21.0	21.1	21.0	21.1	19.8	21.3	21.6	22.7	22.8	21.6	21.3
All Other Manufacturing	16.5	16.5	16.4	16.7	16.6*	17.2	16.7	17.3	17.2	17.1	17.4	17.2	16.9
NON-MANUFACTURING EMPLOYMENT	206.0	206.4	209.0	211.1	214.6	215.4	212.4	212.4	215.0	215.0	214.4	215.1	212.2
Contract Construction	8.1	7.8	8.2	9.3	10.1	10.6	10.8	10.5	10.3	9.8	9.7	9.8	9.6
Trans., Comm. & Public Utilities	9.8	9.9	9.9	10.0	10.1	10.1	10.2	10.1	9.9	10.0	10.0	10.0	10.0
Wholesale & Retail Trade	58.1	57.5	58.1	58.3	59.1	60.2	59.4	59.7	59.9	60.0	59.9	60.8	59.3
Finance, Insurance & Real Estate	18.5	18.4	18.6	18.7	18.8	18.7	18.7	18.9	19.0	19.0	18.7	18.9	18.7
Service, except domestic	68.7	69.8	70.8	71.4	73.3	72.8	71.7	72.1	72.7	72.7	72.6	72.3*	71.7
Government	42.8	43.0	43.4	43.4	43.2	43.0	41.6	41.1	43.2*	43.5	43.5	43.3	42.9
NOT INCLUDED IN ABOVE:													
Self-employed, Farm & Other	18.9	18.9	18.9	18.9	19.0	19.6	19.9	19.9	19.2	19.2	18.9	18.9	19.2
Labor Disputes	1.2	1.2	1.2	1.2	1.3	1.2	1.2	1.2	1.3	1.2	1.2	1.4	1.2

* Labor Dispute.
** A count of jobs by place of work.
*** Prior to 1975, Transportation Equipment included in All Other Manufacturing.